

Converting Colors

$Yxy(90.5715, 0.3129, 0.3283)$

Have a look what the booklet for
Yxy(90.5715, 0.3129, 0.3283)
contains.

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Color

Yxy(90.7064, 0.3128, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F5F4F5
RGB	245, 244, 245
RGB Percent	96%, 96%, 96%
CMY	0.0390, 0.0432, 0.0392
CMYK	0.00, 0.00, 0.00, 0.04
HSL	303°, 5%, 96%
HSV	303°, 0%, 96%
XYZ	86.5029, 90.7064, 99.3346
YIQ	244.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

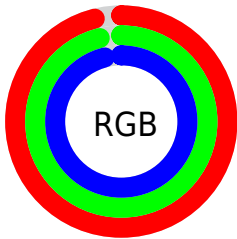
Format	Color
R_{YB}	245, 244, 245
Decimal	16119029
CIE Lab	96.29, 0.54, -0.37
CIE LCh	96, 0.656, 325.454
Yxy	90.7064, 0.3128, 0.3280
Android (android.graphics.Color)	4294309109 (0xFF5F4F5)
YUV	244.4130, 0.2894, 0.5148
Hunter-Lab	95.2399, -4.5448, 4.8289

Details

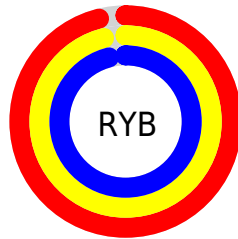
The Yxy color **90.7064, 0.3128, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.1057, 0.3126, 0.3300**, and the grayscale version is **90.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4594, 0.3128, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **76.8510, 0.3148, 0.3047**, and if you desaturate by 10%, it is **97.6162, 0.3115, 0.3375**.

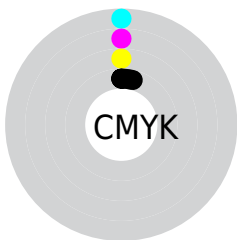
Distribution



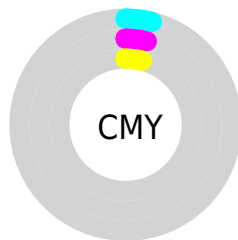
- Red (96%)
- Green (96%)
- Blue (96%)



- Red (96%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.7064, 0.3128, 0.3280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 90.7064, 0.3128, 0.3280 by changing the saturation by 10% instead.


 90.7064, 0.3128,
0.3280

 90.7064, 0.3128,
0.3280


530.3261, 0.3128,
0.3285

 68.5667, 0.3128,
0.3279


148.3192, 0.3128,
0.3282

 50.3589, 0.3128,
0.3278


184.5611, 0.3128,
0.3282

 35.6986, 0.3128,
0.3276


226.2725, 0.3128,
0.3283

 24.2015, 0.3128,
0.3274

273.8378, 0.3128,
0.3283

 15.4832, 0.3129,
0.3272

327.6415, 0.3128,
0.3284

 9.1592, 0.3129,
0.3268

388.0678, 0.3128,

 4.8452, 0.3129,

0.3284

455.5012, 0.3128,
0.3284

0.3263

■ 2.1567, 0.3130,
0.3255

■ 0.6962, 0.3132,
0.3230

■ 90.7064, 0.3128,
0.3280

■ 90.7064, 0.3128,
0.3280

■ 76.8510, 0.3148,
0.3047

■ 97.6162, 0.3115,
0.3375

■ 64.8761, 0.3170,
0.2807

■ 97.6974, 0.3108,
0.3362

■ 54.7037, 0.3194,
0.2569

■ 97.7792, 0.3100,
0.3349

■ 46.2460, 0.3219,
0.2339

■ 97.8615, 0.3093,
0.3336

39.4079, 0.3244,
0.2129

97.9444, 0.3085,
0.3323

34.0848, 0.3269,
0.1947

98.0279, 0.3078,
0.3310

30.1602, 0.3293,
0.1802

98.1119, 0.3071,
0.3298

27.5004, 0.3315,
0.1699

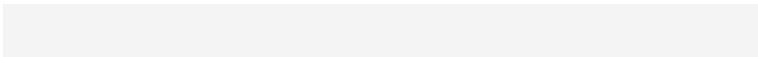
98.1630, 0.3066,
0.3290

25.9460, 0.3335,
0.1641

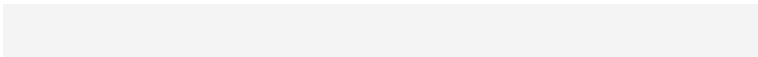
Harmonies

Analogous

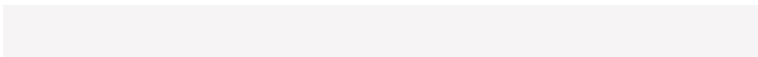
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7064, 0.3121, 0.3278



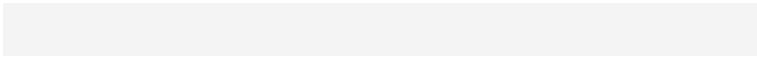
90.7064, 0.3128, 0.3280



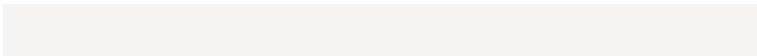
90.7064, 0.3135, 0.3285

Triad

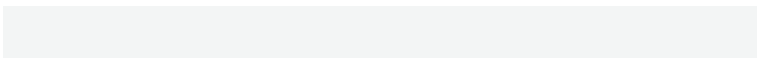
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.7064, 0.3128, 0.3280



90.7064, 0.3139, 0.3302



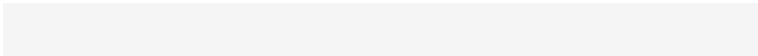
90.7064, 0.3114, 0.3289

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



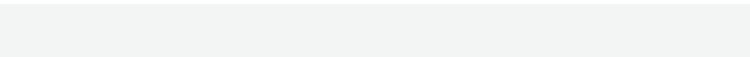
90.7064, 0.3128, 0.3280



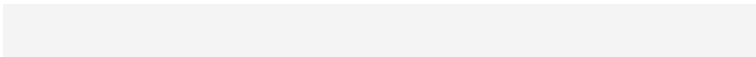
91.1057, 0.3126, 0.3300

Split Complementary

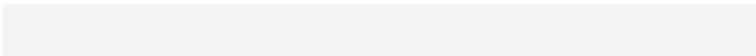
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7064, 0.3119, 0.3295



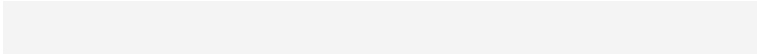
90.7064, 0.3128, 0.3280



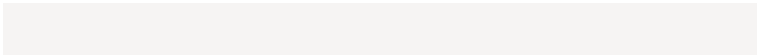
90.7064, 0.3134, 0.3303

Square

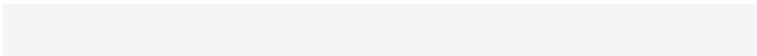
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



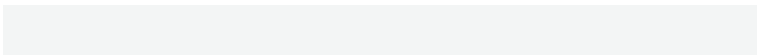
90.7064, 0.3128, 0.3280



90.7064, 0.3142, 0.3298



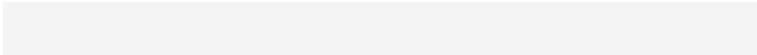
90.7064, 0.3127, 0.3300



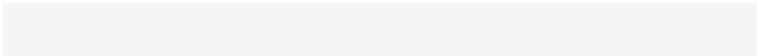
90.7064, 0.3113, 0.3283

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



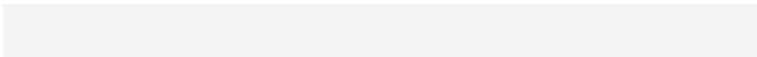
90.7064, 0.3128, 0.3280



90.7064, 0.3139, 0.3289



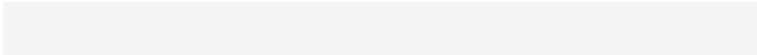
90.7064, 0.3127, 0.3300



90.7064, 0.3116, 0.3291

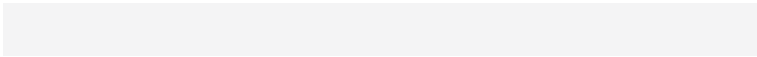
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.7103, 0.3128, 0.3280

100.0000, 0.3127, 0.3290



90.5315, 0.3121, 0.3279



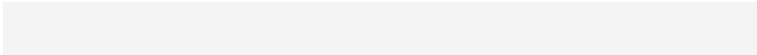
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7103, 0.3128, 0.3280



98.3750, 0.3129, 0.3267



90.6779, 0.3131, 0.3285



19.2978, 0.3129, 0.3268



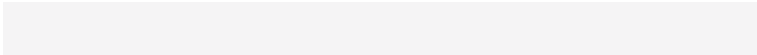
13.5989, 0.3348, 0.1618



1.1998, 0.3329, 0.1608

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90.7103, 0.3128, 0.3280



98.3750, 0.3129, 0.3267



91.1381, 0.3123, 0.3295



19.2978, 0.3129, 0.3268



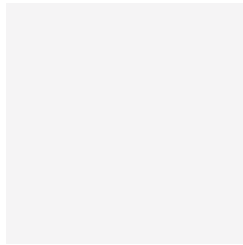
13.5989, 0.3348, 0.1618



1.1998, 0.3329, 0.1608

Previews

White Background



This preview shows how the Yxy color 90.7064, 0.3128, 0.3280 looks on a white background.

Color Contrast Check

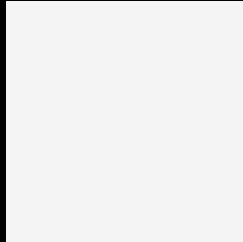
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 90.7064, 0.3128, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

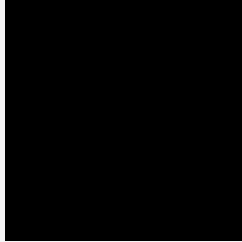
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

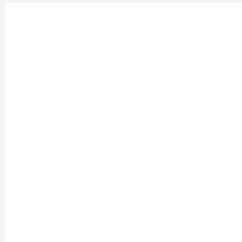
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.7064, 0.3128, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 90.7064, 0.3128, 0.3280.

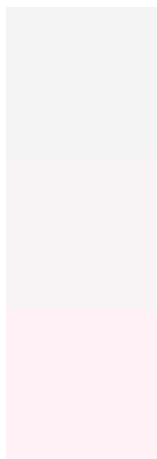


This preview shows how white text looks on a background with the Yxy color 90.7064, 0.3128, 0.3280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90.7064, 0.3128, 0.3280

Protanopia

90.5893, 0.3154, 0.3280

Deuteranopia

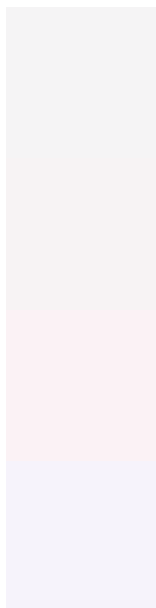
90.7632, 0.3195, 0.3251



Tritanopia

90.9140, 0.3075, 0.3173

Trichromacy



Original Color

90.7064, 0.3128, 0.3280

Protanomaly

90.4070, 0.3147, 0.3280

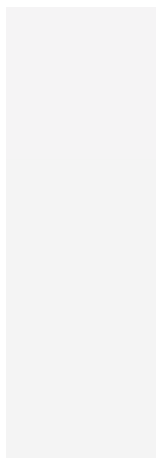
Deuteranomaly

90.6061, 0.3168, 0.3261

Tritanomaly

90.6590, 0.3099, 0.3212

Monochromacy



Original Color

90.7064, 0.3128, 0.3280

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4661, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.7064, 0.3128, 0.3280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.7064, 0.3128, 0.3280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 244, 245) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 244, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
245) }
```

Background

The CSS property to change the background color of an element to Yxy 90.7064, 0.3128, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
244, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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