

Converting Colors

Yxy(90.0527, 0.3148, 0.3261)

Have a look what the booklet for
Yxy(90.0527, 0.3148, 0.3261)
contains.

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Color

Yxy(90.0533, 0.3148, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2F5
RGB	248, 242, 245
RGB Percent	97%, 95%, 96%
CMY	0.0276, 0.0509, 0.0393
CMYK	0.00, 0.02, 0.01, 0.03
HSL	330°, 30%, 96%
HSV	330°, 2%, 97%
XYZ	86.9328, 90.0533, 99.1663
YIQ	244.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

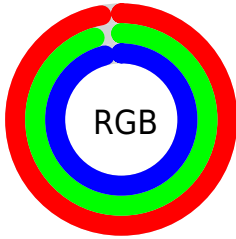
Format	Color
R_{YB}	248, 242, 245
Decimal	16315125
CIE Lab	96.02, 2.51, -0.73
CIE LCh	96, 2.610, 343.795
Yxy	90.0533, 0.3148, 0.3261
Android (android.graphics.Color)	4294505205 (0xFF8F2F5)
YUV	244.1360, 0.4260, 3.3887
Hunter-Lab	94.8964, -2.5483, 4.4697

Details

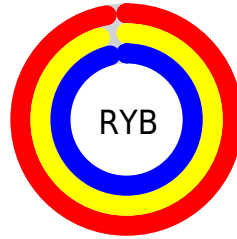
The Yxy color **90.0533, 0.3148, 0.3261** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.5882, 0.3107, 0.3319**, and the grayscale version is **90.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9984, 0.3154, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **75.5461, 0.3246, 0.3135**, and if you desaturate by 10%, it is **98.6904, 0.3084, 0.3290**.

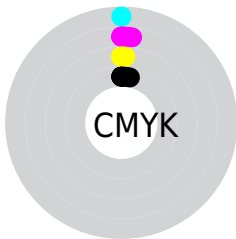
Distribution



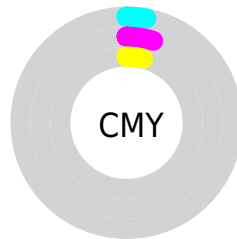
- Red (97%)
- Green (95%)
- Blue (96%)



- Red (97%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0533, 0.3148, 0.3261 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 90.0533, 0.3148, 0.3261 by changing the saturation by 10% instead.


 90.0533, 0.3148,
0.3261

 90.0533, 0.3148,
0.3261

528.2042, 0.3139,
0.3274

 68.0249, 0.3150,
0.3258


147.4124, 0.3145,
0.3265

 49.9180, 0.3152,
0.3255


183.5119, 0.3144,
0.3267

 35.3482, 0.3156,
0.3250


225.0705, 0.3143,
0.3269

 23.9312, 0.3159,
0.3245

272.4726, 0.3142,
0.3270

 15.2826, 0.3165,
0.3238

326.1027, 0.3141,
0.3271

 9.0180, 0.3172,
0.3228

386.3450, 0.3140,

 4.7529, 0.3182,

0.3272

0.3213

453.5841, 0.3139,
0.3273

■ 2.1030, 0.3199,
0.3189

■ 0.6663, 0.3249,
0.3118

■ 90.0533, 0.3148,
0.3261

■ 90.0533, 0.3148,
0.3261

■ 75.5461, 0.3246,
0.3135

■ 98.6904, 0.3084,
0.3290

■ 63.0065, 0.3364,
0.3004

■ 52.3522, 0.3506,
0.2869

■ 43.4902, 0.3674,
0.2738

■ 36.3198, 0.3868,
0.2617

■ 30.7301, 0.4089,
0.2518

■ 26.5970, 0.4330,
0.2453

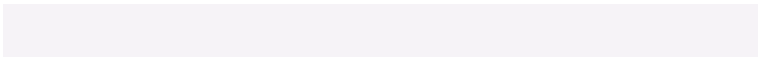
■ 23.7774, 0.4581,
0.2436

■ 22.0984, 0.4829,
0.2473

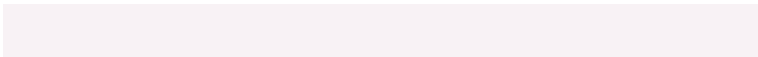
Harmonies

Analogous

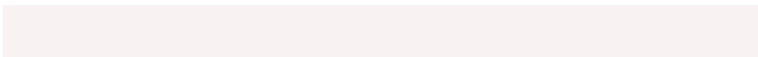
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0533, 0.3118, 0.3244



90.0533, 0.3148, 0.3261



90.0533, 0.3172, 0.3285

Triad

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



90.0533, 0.3148, 0.3261



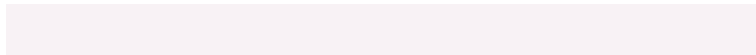
90.0533, 0.3163, 0.3341



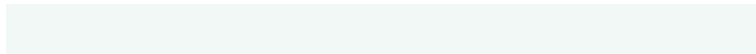
90.0533, 0.3071, 0.3269

Complementary

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



90.0533, 0.3148, 0.3261



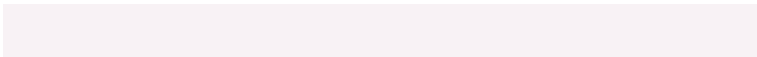
92.5882, 0.3107, 0.3319

Split Complementary

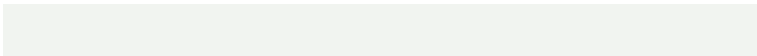
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0533, 0.3083, 0.3295



90.0533, 0.3148, 0.3261



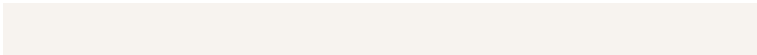
90.0533, 0.3136, 0.3337

Square

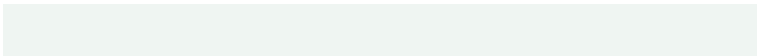
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0533, 0.3148, 0.3261



90.0533, 0.3181, 0.3331



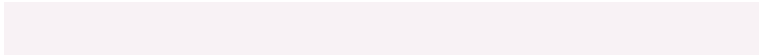
90.0533, 0.3106, 0.3320



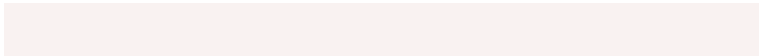
90.0533, 0.3074, 0.3249

Rectangle

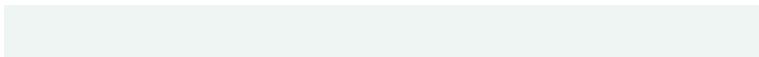
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0533, 0.3148, 0.3261



90.0533, 0.3182, 0.3303



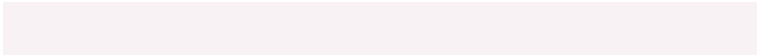
90.0533, 0.3106, 0.3320



90.0533, 0.3073, 0.3277

Sweetspot

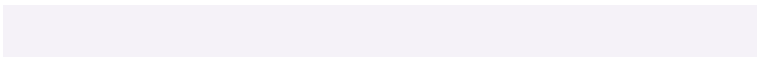
The Sweet Spot groups the original color and five complimentary colors.



90.0572, 0.3148, 0.3261



98.3015, 0.3136, 0.3278



89.7021, 0.3111, 0.3231



21.0585, 0.3135, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

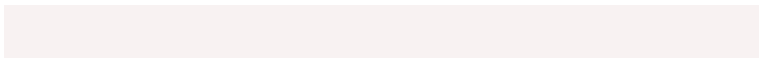
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0572, 0.3148, 0.3261



94.9706, 0.3153, 0.3254



89.8780, 0.3166, 0.3290



19.1936, 0.3161, 0.3244



11.5856, 0.4974, 0.2514



1.0944, 0.4706, 0.2366

Inverse Universe

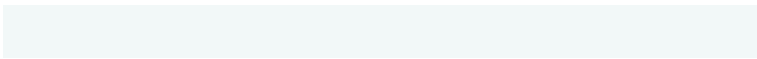
The Inverse Universe completely reimagines the original color for something new.



90.0572, 0.3148, 0.3261



94.9706, 0.3153, 0.3254



92.7703, 0.3090, 0.3290



19.1936, 0.3161, 0.3244



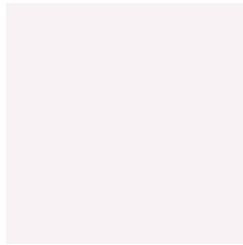
11.5856, 0.4974, 0.2514



1.0944, 0.4706, 0.2366

Previews

White Background



This preview shows how the Yxy color 90.0533, 0.3148, 0.3261 looks on a white background.

Color Contrast Check

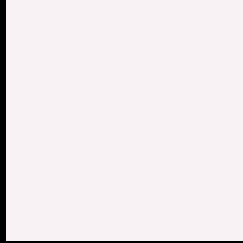
Large Text (above 18pt) WCAG AA × Fail

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 90.0533, 0.3148, 0.3261 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

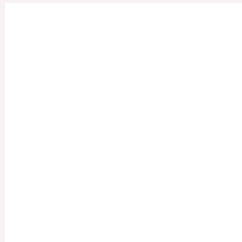
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0533, 0.3148, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 90.0533, 0.3148, 0.3261.

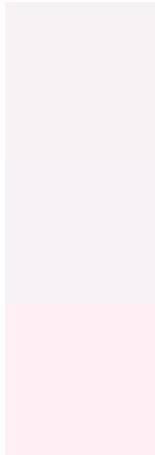


This preview shows how white text looks on a background with the Yxy color 90.0533, 0.3148, 0.3261.

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

90.0533, 0.3148, 0.3261

Protanopia

89.8710, 0.3142, 0.3261

Deuteranopia

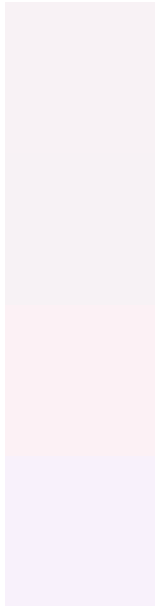
90.1727, 0.3195, 0.3242



Tritanopia

90.0871, 0.3088, 0.3154

Trichromacy



Original Color

90.0533, 0.3148, 0.3261

Protanomaly

89.8710, 0.3142, 0.3261

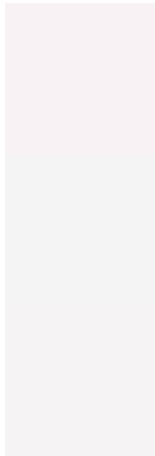
Deuteranomaly

90.1986, 0.3175, 0.3251

Tritanomaly

89.8321, 0.3112, 0.3192

Monochromacy



Original Color

90.0533, 0.3148, 0.3261

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.0453, 0.3134, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0533, 0.3148, 0.3261 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(248, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.0533, 0.3148, 0.3261 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(248, 242, 245) }
```

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

```
.border{ border-color:rgb(248, 242, 245) }
```

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

Here you see how a box with a 4 pixel rgb(248, 242, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0533, 0.3148, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 245) }
```

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

```
.background{ background-color: rgb(248,  
242, 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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