

Converting Colors

$Yxy(90.7335, 0.3094, 0.3281)$

Have a look what the booklet for
Yxy(90.7335, 0.3094, 0.3281)
contains.

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Color

Yxy(90.6594, 0.3096, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F1F5F6
RGB	241, 245, 246
RGB Percent	95%, 96%, 96%
CMY	0.0547, 0.0392, 0.0353
CMYK	0.02, 0.00, 0.00, 0.04
HSL	192°, 22%, 95%
HSV	192°, 2%, 96%
XYZ	85.5736, 90.6594, 100.1676
YIQ	243.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

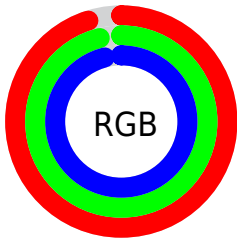
Format	Color
R _Y B	241, 243, 246
Decimal	15857142
CIE Lab	96.27, -1.12, -0.95
CIE LCh	96, 1.464, 220.268
Yxy	90.6594, 0.3096, 0.3280
Android (android.graphics.Color)	4294047222 (0xFFFF1F5F6)
YUV	243.9180, 1.0264, -2.5591
Hunter-Lab	95.2152, -6.2018, 4.2769

Details

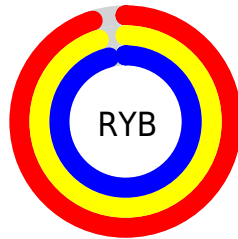
The Yxy color 90.6594, 0.3096, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4777, 0.3159, 0.3300, and the grayscale version is 90.3987, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.4272, 0.3087, 0.3277 is the 20% darker color. If you saturate the color by 10%, you get 83.6573, 0.2942, 0.3227, and if you desaturate by 10%, it is 96.2582, 0.3183, 0.3328.

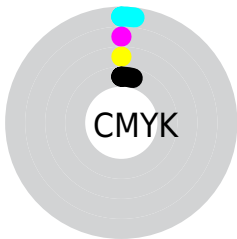
Distribution



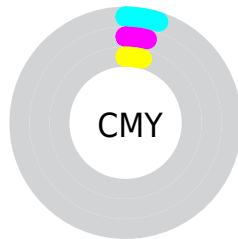
- Red (95%)
- Green (96%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.6594, 0.3096, 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 90.6594, 0.3096, 0.3280 by changing the saturation by 10% instead.

90.6594, 0.3096,
0.3280

90.6594, 0.3096,
0.3280

530.1735, 0.3110,
0.3285

68.5277, 0.3093,
0.3279

148.2540, 0.3101,
0.3282

50.3271, 0.3089,
0.3278

184.4856, 0.3103,
0.3282

35.6734, 0.3085,
0.3276

226.1861, 0.3104,
0.3283

24.1821, 0.3079,
0.3274

273.7397, 0.3106,
0.3283

15.4687, 0.3071,
0.3272

327.5308, 0.3107,
0.3284

9.1490, 0.3060,
0.3268

387.9439, 0.3108,

4.8385, 0.3044,

0.3284

0.3263

455.3633, 0.3109,
0.3284

■ 2.1528, 0.3019,
0.3254

■ 0.6941, 0.2944,
0.3231

■ 90.6594, 0.3096,
0.3280

■ 90.6594, 0.3096,
0.3280

■ 83.6573, 0.2942,
0.3227

■ 96.2582, 0.3183,
0.3328

■ 77.2927, 0.2791,
0.3169

■ 99.3841, 0.3179,
0.3376

■ 71.5439, 0.2647,
0.3107

■ 99.4332, 0.3179,
0.3376

■ 66.3837, 0.2513,
0.3040

■ 61.7824, 0.2392,
0.2970

■ 57.7076, 0.2287,
0.2897

■ 54.1229, 0.2200,
0.2823

■ 50.9866, 0.2134,
0.2749

■ 48.2485, 0.2086,
0.2675

Harmonies

Analogous

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



90.6594, 0.3104, 0.3295



90.6594, 0.3096, 0.3280



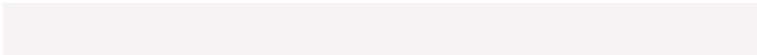
90.6594, 0.3097, 0.3268

Triad

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



90.6594, 0.3096, 0.3280



90.6594, 0.3137, 0.3272



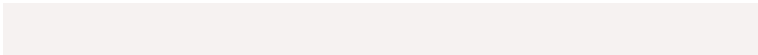
90.6594, 0.3149, 0.3318

Complementary

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



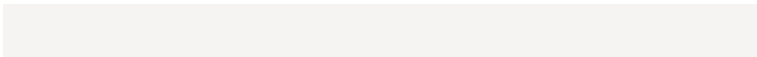
90.6594, 0.3096, 0.3280



89.4777, 0.3159, 0.3300

Split Complementary

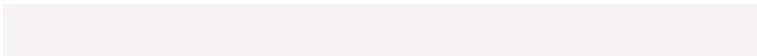
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6594, 0.3158, 0.3312



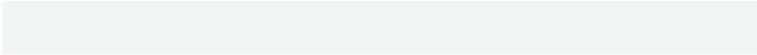
90.6594, 0.3096, 0.3280



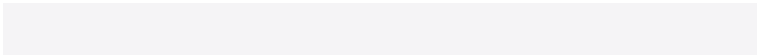
90.6594, 0.3151, 0.3286

Square

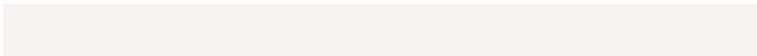
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



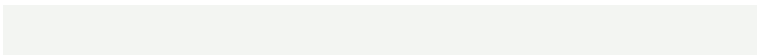
90.6594, 0.3096, 0.3280



90.6594, 0.3120, 0.3264



90.6594, 0.3159, 0.3300



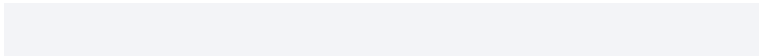
90.6594, 0.3134, 0.3317

Rectangle

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



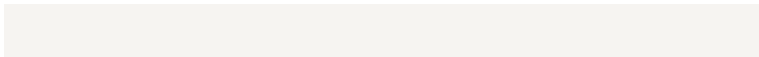
90.6594, 0.3096, 0.3280



90.6594, 0.3102, 0.3263



90.6594, 0.3159, 0.3300



90.6594, 0.3153, 0.3317

Sweetspot

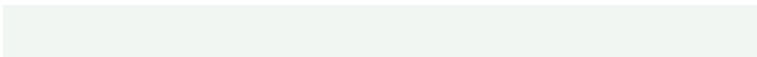
The Sweet Spot groups the original color and five complimentary colors.



90.6633, 0.3096, 0.3280



99.1916, 0.3112, 0.3285



91.0280, 0.3119, 0.3329



21.2396, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

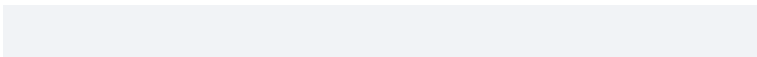
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6633, 0.3096, 0.3280



98.3905, 0.3096, 0.3280



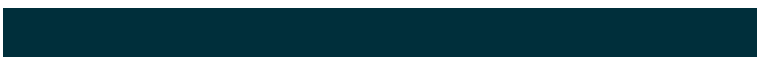
89.1848, 0.3097, 0.3256



19.3007, 0.3098, 0.3281



24.9125, 0.2063, 0.2628



2.3301, 0.2089, 0.2720

Inverse Universe

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



89.1240, 0.3135, 0.3251



96.7230, 0.3135, 0.3251



90.9523, 0.3158, 0.3324



18.9910, 0.3135, 0.3253



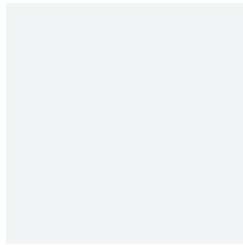
12.6143, 0.3797, 0.1865



1.1229, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 90.6594, 0.3096, 0.3280 looks on a white background.

Color Contrast Check

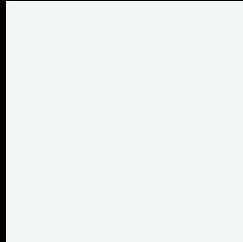
Large Text (above 18pt) WCAG AA × Fail

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 90.6594, 0.3096, 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

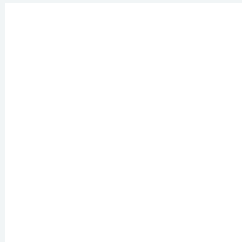
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6594, 0.3096, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 90.6594, 0.3096, 0.3280.

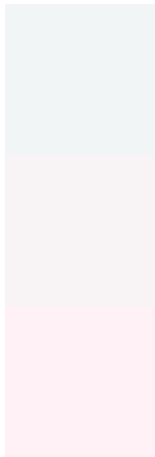


This preview shows how white text looks on a background with the Yxy color 90.6594, 0.3096, 0.3280.

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

90.6594, 0.3096, 0.3280

Protanopia

90.6502, 0.3148, 0.3270

Deuteranopia

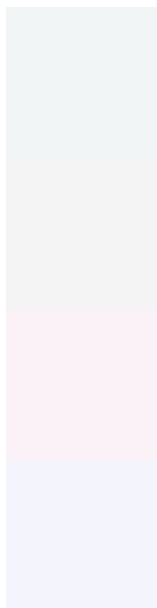
90.8244, 0.3188, 0.3242



Tritanopia

90.5543, 0.3062, 0.3172

Trichromacy



Original Color

90.6594, 0.3096, 0.3280

Protanomaly

90.7064, 0.3128, 0.3280

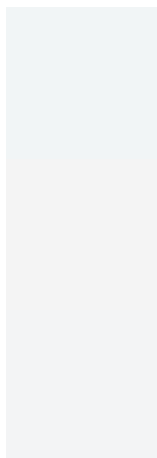
Deuteranomaly

90.4821, 0.3155, 0.3251

Tritanomaly

90.7843, 0.3073, 0.3211

Monochromacy



Original Color

90.6594, 0.3096, 0.3280

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.3486, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6594, 0.3096, 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(241, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 246)  
}
```

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(241, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 246) }
```

Border

The CSS property to change the border of an element to Yxy 90.6594, 0.3096, 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(241, 245, 246) }
```

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

```
.border{ border-color:rgb(241, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6594, 0.3096, 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(241, 245, 246) }
```

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

```
.background{ background-color: rgb(241,  
245, 246) }
```

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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