

Converting Colors

Yxy(30.4727, 0.4827, 0.3349)

Have a look what the booklet for
Yxy(30.4727, 0.4827, 0.3349)
contains.

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Color

Yxy(30.4620, 0.4823, 0.3346)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | F06D68 |
| RGB | 240, 109, 104 |
| RGB Percent | 94%, 43%, 41% |
| CMY | 0.0587, 0.5726, 0.5920 |
| CMYK | 0.00, 0.55, 0.57, 0.06 |
| HSL | 2°, 82%, 67% |
| HSV | 2°, 57%, 94% |
| XYZ | 43.9086, 30.4620, 16.6694 |
| YIQ | 147.5990, 79.6810, 26.2170 |

Conversions

Conversions Part 2

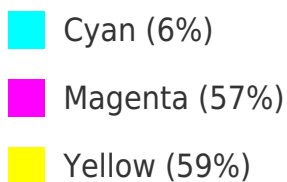
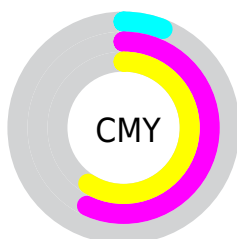
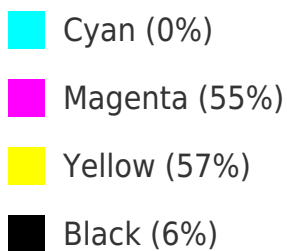
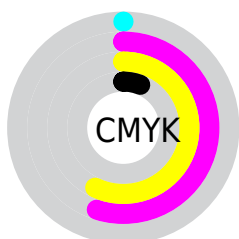
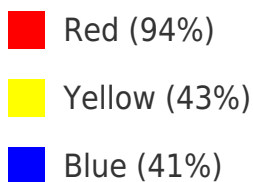
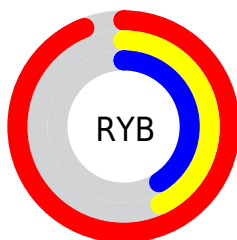
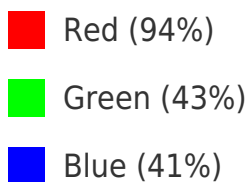
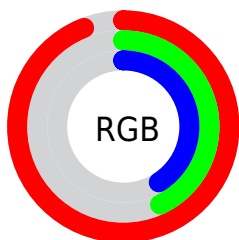
| Format | Color |
|-------------------------------------|---|
| RYB | 240, 109, 104 |
| Decimal | 15756648 |
| CIELab | 62.05, 50.10, 27.58 |
| CIELCh | 62, 57.185, 28.834 |
| Yxy | 30.4620, 0.4823, 0.3346 |
| Android (android.graphics.Color) | 4293946728 (0xFFFF06D68) |
| YUV | 147.5990, -21.4943, 81.0357 |
| Hunter-Lab | 55.1924, 45.4200, 20.7277 |

Details

The Yxy color **30.4620, 0.4823, 0.3346** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **68.6873, 0.2404, 0.3227**, and the grayscale version is **29.5053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1775, 0.4080, 0.3388**, and **12.6115, 0.5372, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **25.7419, 0.5296, 0.3349**, and if you desaturate by 10%, it is **36.6218, 0.4386, 0.3339**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4620, 0.4823, 0.3346 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 30.4620, 0.4823, 0.3346 by changing the saturation by 10% instead.


 30.4620, 0.4823,
0.3346


 30.4620, 0.4823,
0.3346


304.0520, 0.3914,
0.3369

 20.1895, 0.5063,
0.3319


 60.3920, 0.4481,
0.3369


 12.5329, 0.5375,
0.3271


 80.8184, 0.4356,
0.3373

 7.1077, 0.5791,
0.3181


 105.3982, 0.4251,
0.3375

 3.5295, 0.6366,
0.3011

 134.5157, 0.4163,
0.3375

 1.4140, 0.7289,
0.2711

168.5555, 0.4087,
0.3374

 0.2270, 0.8751,
0.1249


207.9019, 0.4021,


 0.0000, 1.0000,


0.3373


0.0000

252.9393, 0.3964,
0.3371

 0.0000, 0.0000,
0.0000


 30.4620, 0.4823,
0.3346


 30.4620, 0.4823,
0.3346


 25.7419, 0.5296,
0.3349


 36.6218, 0.4386,
0.3339

 22.3403, 0.5752,
0.3345


 44.3199, 0.4008,
0.3328


 20.1245, 0.6120,
0.3333

 53.6521, 0.3696,
0.3317


 18.9313, 0.6337,
0.3316

 64.7046, 0.3443,
0.3307

 18.7187, 0.6382,
0.3315

 77.5581, 0.3240,
0.3296

 92.2878, 0.3077,
0.3287

 97.2687, 0.3036,
0.3290

Harmonies

Analogous

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



30.4620, 0.4182, 0.2748



30.4620, 0.4823, 0.3346



30.4620, 0.4887, 0.3993

Triad

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



30.4620, 0.4823, 0.3346



30.4620, 0.2811, 0.4739



30.4620, 0.1848, 0.1964

Complementary

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



30.4620, 0.4823, 0.3346



68.6873, 0.2404, 0.3227

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.



30.4620, 0.1609, 0.2231



30.4620, 0.4823, 0.3346



30.4620, 0.2087, 0.3840

Square

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



30.4620, 0.4823, 0.3346



30.4620, 0.3668, 0.4988



30.4620, 0.1679, 0.2865



30.4620, 0.2399, 0.1993

Rectangle

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



30.4620, 0.4823, 0.3346



30.4620, 0.4628, 0.4418



30.4620, 0.1679, 0.2865



30.4620, 0.1734, 0.2017

Sweetspot

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



30.4636, 0.4823, 0.3346



73.7008, 0.3452, 0.3307



34.4612, 0.3233, 0.1991



15.1964, 0.3499, 0.3309



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.



30.4636, 0.4823, 0.3346



28.8304, 0.5370, 0.3349



50.7982, 0.4328, 0.4066



15.8512, 0.3292, 0.3299



10.2864, 0.6374, 0.3321



0.8881, 0.6305, 0.3376

Inverse Universe

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



68.6873, 0.2404, 0.3227



76.5462, 0.2319, 0.3212



37.0547, 0.2207, 0.2314



17.8242, 0.2981, 0.3281



34.8496, 0.2216, 0.3176



2.9298, 0.2220, 0.3192

Previews

White Background



This preview shows how the Yxy color 30.4620, 0.4823, 0.3346 looks on a white background.

Color Contrast Check

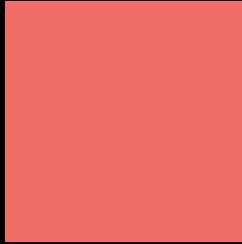
Large Text (above 18pt) WCAG AA × Fail

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 30.4620, 0.4823, 0.3346 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 30.4620, 0.4823, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 30.4620, 0.4823, 0.3346.



This preview shows how white text looks on a background with the Yxy color 30.4620, 0.4823, 0.3346.

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

30.4620, 0.4823, 0.3346

Protanopia

30.5888, 0.3497, 0.3725

Deuteranopia

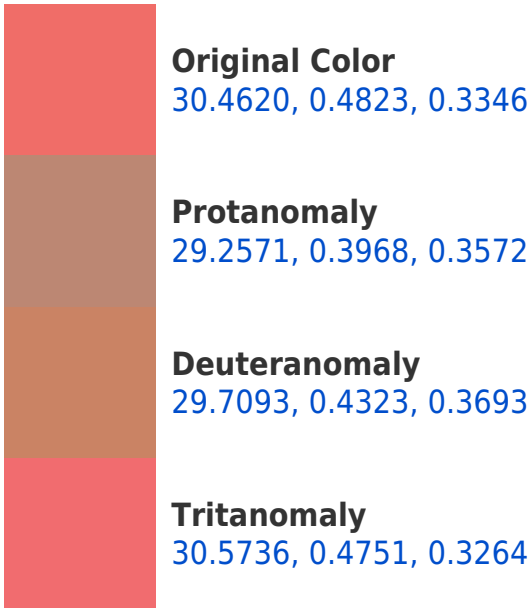
30.6521, 0.4019, 0.3944



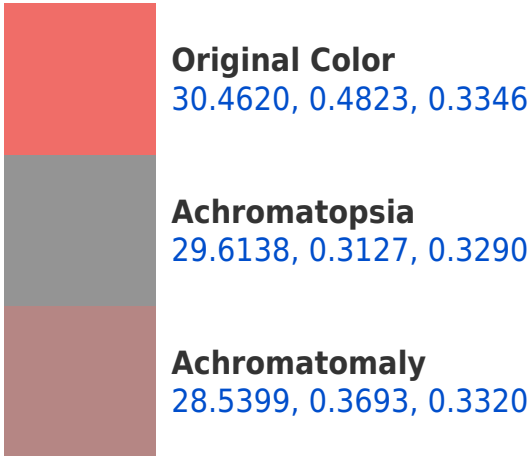
Tritanopia

30.4540, 0.4706, 0.3212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4620, 0.4823, 0.3346 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(240, 109, 104) looks like.

```
.text, #text, p{  
    color:rgb(240, 109, 104)  
}
```

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(240, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 109, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.4620, 0.4823, 0.3346 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(240, 109, 104) }
```

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

```
.border{ border-color:rgb(240, 109, 104) }
```

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

Here you see how a box with a 4 pixel rgb(240, 109, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(240, 109,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4620, 0.4823, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 109, 104) }
```

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

```
.background{ background-color: rgb(240,  
109, 104) }
```

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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