

Converting Colors

$Y_{xy}(31.7316, 0.4662, 0.3222)$

Have a look what the booklet for
Yxy(31.7316, 0.4662, 0.3222)
contains.

Yxy(31.7316, 0.4662, 0.3222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.7316, 0.4662, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	F36F76
RGB	243, 111, 118
RGB Percent	95%, 44%, 46%
CMY	0.0471, 0.5646, 0.5373
CMYK	0.00, 0.54, 0.51, 0.05
HSL	357°, 85%, 69%
HSV	357°, 54%, 95%
XYZ	45.9133, 31.7316, 20.8393
YIQ	151.2660, 76.4250, 30.1610

Conversions

Conversions Part 2

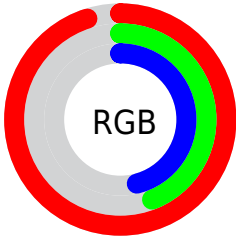
Format	Color
R _Y B	243, 111, 118
Decimal	15953782
CIE Lab	63.12, 51.28, 21.16
CIE LCh	63, 55.473, 22.419
Yxy	31.7316, 0.4662, 0.3222
Android (android.graphics.Color)	4294143862 (0xFFFF36F76)
YUV	151.2660, -16.4001, 80.4507
Hunter-Lab	56.3308, 46.9103, 17.4976

Details

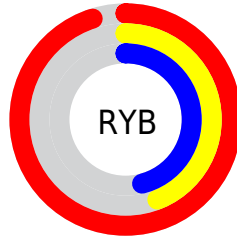
The Yxy color **31.7316, 0.4662, 0.3222** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.5333, 0.2465, 0.3373**, and the grayscale version is **31.1163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4347, 0.3926, 0.3250**, and **13.2156, 0.5166, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **26.6495, 0.5123, 0.3219**, and if you desaturate by 10%, it is **38.3925, 0.4248, 0.3231**.

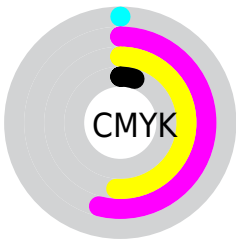
Distribution



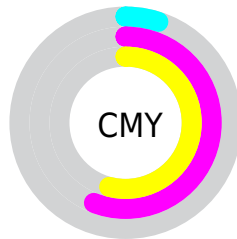
- Red (95%)
- Green (44%)
- Blue (46%)



- Red (95%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7316, 0.4662, 0.3222 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 31.7316, 0.4662, 0.3222 by changing the saturation by 10% instead.


 31.7316, 0.4662,
0.3222


 31.7316, 0.4662,
0.3222


309.8948, 0.3841,
0.3296

 21.1566, 0.4880,
0.3188


 62.3901, 0.4353,
0.3260

 13.2385, 0.5166,
0.3135


 83.2423, 0.4240,
0.3270

 7.5930, 0.5552,
0.3047


 108.2891, 0.4146,
0.3278

 3.8356, 0.6093,
0.2890

137.9148, 0.4066,
0.3284

 1.5820, 0.7138,
0.2688

172.5038, 0.3998,
0.3288

 0.3455, 0.8403,
0.1597

212.4406, 0.3939,

 0.0000, 1.0000,

0.3291

0.0000

258.1094, 0.3887,
0.3294

0.0000, 0.0000,
0.0000

31.7316, 0.4662,
0.3222

31.7316, 0.4662,
0.3222

26.6495, 0.5123,
0.3219

38.3925, 0.4248,
0.3231

23.0112, 0.5589,
0.3225

46.7425, 0.3898,
0.3244

20.6681, 0.5993,
0.3242


56.8878, 0.3611,
0.3258

19.4364, 0.6269,
0.3267

68.9246, 0.3380,
0.3271

19.0815, 0.6361,
0.3278

82.9422, 0.3195,
0.3285

 97.7929, 0.3053,
0.3290

Harmonies

Analogous

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



31.7316, 0.3956, 0.2658



31.7316, 0.4662, 0.3222



31.7316, 0.4853, 0.3844

Triad

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



31.7316, 0.4662, 0.3222



31.7316, 0.3004, 0.4782



31.7316, 0.1818, 0.2042

Complementary

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



31.7316, 0.4662, 0.3222



73.5333, 0.2465, 0.3373

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.



31.7316, 0.1649, 0.2374



31.7316, 0.4662, 0.3222



31.7316, 0.2258, 0.4026

Square

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



31.7316, 0.4662, 0.3222



31.7316, 0.3828, 0.4880



31.7316, 0.1788, 0.3067



31.7316, 0.2289, 0.2010

Rectangle

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



31.7316, 0.4662, 0.3222



31.7316, 0.4675, 0.4260



31.7316, 0.1788, 0.3067



31.7316, 0.1729, 0.2116

Sweetspot

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



31.7333, 0.4662, 0.3222



74.4306, 0.3416, 0.3269



35.3681, 0.3105, 0.1966



15.3166, 0.3461, 0.3266



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.



31.7333, 0.4662, 0.3222



29.3283, 0.5163, 0.3219



48.2823, 0.4356, 0.3904



16.4967, 0.3285, 0.3278



10.4794, 0.6346, 0.3269



0.9259, 0.6210, 0.3194

Inverse Universe

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



31.7333, 0.4662, 0.3222



29.3283, 0.5163, 0.3219



44.8856, 0.2281, 0.2544



16.4967, 0.3285, 0.3278



10.4794, 0.6346, 0.3269



0.9259, 0.6210, 0.3194

Previews

White Background



This preview shows how the Yxy color 31.7316, 0.4662, 0.3222 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 31.7316, 0.4662, 0.3222 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 31.7316, 0.4662, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 31.7316, 0.4662, 0.3222.



This preview shows how white text looks on a background with the Yxy color 31.7316, 0.4662, 0.3222.

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

31.7316, 0.4662, 0.3222

Protanopia

31.9884, 0.3331, 0.3520

Deuteranopia

31.8610, 0.3857, 0.3791



Tritanopia

31.7555, 0.4649, 0.3211

Trichromacy



Original Color

31.7316, 0.4662, 0.3222

Protanomaly

30.7628, 0.3792, 0.3389

Deuteranomaly

31.1025, 0.4164, 0.3552

Tritanomaly

31.7555, 0.4649, 0.3211

Monochromacy



Original Color

31.7316, 0.4662, 0.3222

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.6627, 0.3640, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7316, 0.4662, 0.3222 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(243, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(243, 111, 118)  
}
```

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(243, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 111, 118) }
```

Border

The CSS property to change the border of an element to Yxy 31.7316, 0.4662, 0.3222 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(243, 111, 118) }
```

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

```
.border{ border-color:rgb(243, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(243, 111,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7316, 0.4662, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 111, 118) }
```

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

```
.background{ background-color: rgb(243,  
111, 118) }
```

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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