

Converting Colors

Yxy(31.8644, 0.4655, 0.3294)

Have a look what the booklet for
Yxy(31.8644, 0.4655, 0.3294)
contains.

Yxy(31.7748, 0.4665, 0.3295)	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(31.7748, 0.4665, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	F07272
RGB	240, 114, 114
RGB Percent	94%, 45%, 45%
CMY	0.0589, 0.5529, 0.5531
CMYK	0.00, 0.52, 0.53, 0.06
HSL	0°, 81%, 69%
HSV	0°, 53%, 94%
XYZ	44.9862, 31.7748, 19.6724
YIQ	151.6740, 75.0960, 26.7120

Conversions

Conversions Part 2

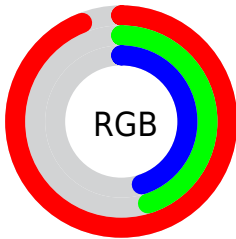
Format	Color
R _Y B	240, 114, 114
Decimal	15757938
CIE Lab	63.16, 48.47, 23.41
CIE LCh	63, 53.825, 25.782
Yxy	31.7748, 0.4665, 0.3295
Android (android.graphics.Color)	4293948018 (0xFFFF07272)
YUV	151.6740, -18.5733, 77.4619
Hunter-Lab	56.3691, 43.8084, 18.7666

Details

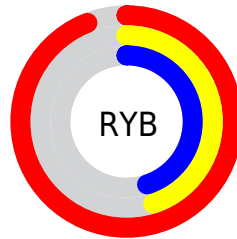
The Yxy color **31.7748, 0.4665, 0.3295** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72.1529, 0.2452, 0.3287**, and the grayscale version is **31.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3891, 0.3954, 0.3324**, and **13.2088, 0.5170, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **26.5784, 0.5139, 0.3297**, and if you desaturate by 10%, it is **38.5369, 0.4240, 0.3294**.

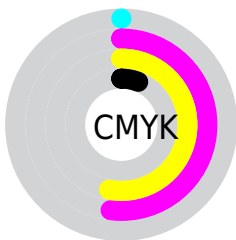
Distribution



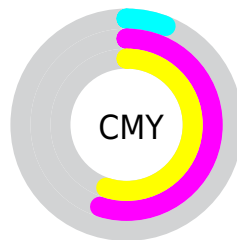
- Red (94%)
- Green (45%)
- Blue (45%)



- Red (94%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (53%)
- Black (6%)



- Cyan (6%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7748, 0.4665, 0.3295 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 31.7748, 0.4665, 0.3295 by changing the saturation by 10% instead.


 31.7748, 0.4665,
0.3295


 31.7748, 0.4665,
0.3295


310.0921, 0.3843,
0.3333

 21.1895, 0.4883,
0.3269

 62.4579, 0.4356,
0.3320


 13.2626, 0.5168,
0.3226

 83.3245, 0.4243,
0.3326

 7.6096, 0.5552,
0.3148


 108.3870, 0.4148,
0.3330

 3.8462, 0.6086,
0.3003

 138.0299, 0.4068,
0.3332

 1.5879, 0.7166,
0.2834

172.6374, 0.4000,
0.3333

 0.3494, 0.8304,
0.1696

212.5940, 0.3940,

 0.0000, 1.0000,

0.3334

0.0000


258.2841, 0.3889,
0.3334


 0.0000, 0.0000,
0.0000


 31.7748, 0.4665,
0.3295


 31.7748, 0.4665,
0.3295


 26.5784, 0.5139,
0.3297


 38.5369, 0.4240,
0.3294


 22.8175, 0.5617,
0.3298


 46.9710, 0.3881,
0.3293


 20.3500, 0.6027,
0.3299

 57.1800, 0.3589,
0.3292

 19.0018, 0.6296,
0.3300

 69.2573, 0.3355,
0.3291

 18.5257, 0.6401,
0.3300

 83.2894, 0.3168,
0.3290

 97.2637, 0.3035,
0.3290

Harmonies

Analogous

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



31.7748, 0.4026, 0.2732



31.7748, 0.4665, 0.3295



31.7748, 0.4792, 0.3907

Triad

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



31.7748, 0.4665, 0.3295



31.7748, 0.2923, 0.4677



31.7748, 0.1887, 0.2056

Complementary

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



31.7748, 0.4665, 0.3295



72.1529, 0.2452, 0.3287

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.



31.7748, 0.1689, 0.2348



31.7748, 0.4665, 0.3295



31.7748, 0.2217, 0.3898

Square

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



31.7748, 0.4665, 0.3295



31.7748, 0.3728, 0.4855



31.7748, 0.1791, 0.2984



31.7748, 0.2382, 0.2054

Rectangle

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



31.7748, 0.4665, 0.3295



31.7748, 0.4588, 0.4307



31.7748, 0.1791, 0.2984



31.7748, 0.1789, 0.2119

Sweetspot

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



31.7765, 0.4665, 0.3295



74.3275, 0.3432, 0.3291



36.8422, 0.3186, 0.2035



15.2924, 0.3480, 0.3291



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.



31.7765, 0.4665, 0.3295



30.1531, 0.5173, 0.3297



51.1744, 0.4247, 0.3974



15.7598, 0.3293, 0.3291



10.1425, 0.6400, 0.3300



0.8441, 0.6400, 0.3301

Inverse Universe

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



72.1529, 0.2452, 0.3287



81.0994, 0.2369, 0.3287



41.3027, 0.2284, 0.2458



17.9279, 0.2981, 0.3289



37.5301, 0.2246, 0.3286



3.1225, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 31.7748, 0.4665, 0.3295 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 31.7748, 0.4665, 0.3295 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 31.7748, 0.4665, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 31.7748, 0.4665, 0.3295.



This preview shows how white text looks on a background with the Yxy color 31.7748, 0.4665, 0.3295.

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

31.7748, 0.4665, 0.3295

Protanopia

32.0255, 0.3411, 0.3611

Deuteranopia

31.8952, 0.3909, 0.3845



Tritanopia

31.7160, 0.4583, 0.3209

Trichromacy



Original Color

31.7748, 0.4665, 0.3295

Protanomaly

30.8931, 0.3855, 0.3486

Deuteranomaly

31.1502, 0.4193, 0.3617

Tritanomaly

31.6435, 0.4621, 0.3241

Monochromacy



Original Color

31.7748, 0.4665, 0.3295

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2023, 0.3645, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7748, 0.4665, 0.3295 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, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(240, 114, 114)  
}
```

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, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 114, 114) }
```

Border

The CSS property to change the border of an element to Yxy 31.7748, 0.4665, 0.3295 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, 114, 114) }
```

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

```
.border{ border-color:rgb(240, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(240, 114,  
114) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.7748, 0.4665, 0.3295$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 114, 114) }
```

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

```
.background{ background-color: rgb(240,  
114, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor