

Converting Colors

Yxy(31.6782, 0.4550, 0.3294)

Have a look what the booklet for
Yxy(31.6782, 0.4550, 0.3294)
contains.

Yxy(31.6691, 0.4560, 0.3294)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6691, 0.4560, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	EB7575
RGB	235, 117, 117
RGB Percent	92%, 46%, 46%
CMY	0.0783, 0.5412, 0.5412
CMYK	0.00, 0.50, 0.50, 0.08
HSL	360°, 75%, 69%
HSV	360°, 50%, 92%
XYZ	43.8406, 31.6691, 20.6320
YIQ	152.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

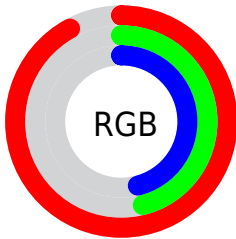
Format	Color
R _Y B	235, 117, 117
Decimal	15431029
CIE Lab	63.07, 45.51, 21.45
CIE LCh	63, 50.312, 25.236
Yxy	31.6691, 0.4560, 0.3294
Android (android.graphics.Color)	4293621109 (0xFFEB7575)
YUV	152.2820, -17.3940, 72.5437
Hunter-Lab	56.2753, 40.5766, 17.6554

Details

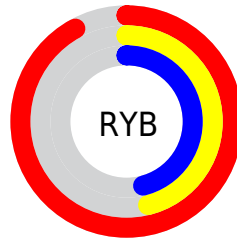
The Yxy color **31.6691, 0.4560, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **69.2137, 0.2473, 0.3288**, and the grayscale version is **31.5809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6296, 0.3914, 0.3324**, and **13.2104, 0.5034, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **26.3801, 0.5025, 0.3295**, and if you desaturate by 10%, it is **38.4747, 0.4150, 0.3293**.

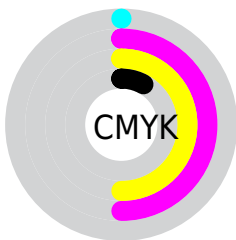
Distribution



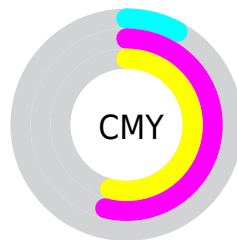
- Red (92%)
- Green (46%)
- Blue (46%)



- Red (92%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (8%)




- Cyan (8%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6691, 0.4560, 0.3294 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 31.6691, 0.4560, 0.3294 by changing the saturation by 10% instead.


 31.6691, 0.4560,
0.3294


 31.6691, 0.4560,
0.3294


309.6091, 0.3793,
0.3327


 21.1089, 0.4765,
0.3272


 62.2920, 0.4270,
0.3316

 13.2036, 0.5034,
0.3234


 83.1234, 0.4165,
0.3321

 7.5689, 0.5400,
0.3166


 108.1474, 0.4077,
0.3324

 3.8204, 0.5916,
0.3037

137.7483, 0.4002,
0.3326

 1.5736, 0.6967,
0.2894

172.3106, 0.3938,
0.3327

 0.3397, 0.8234,
0.1766

212.2185, 0.3883,


 0.0000, 1.0000,


0.3327


0.0000

257.8566, 0.3835,
0.3327


 0.0000, 0.0000,
0.0000

 31.6691, 0.4560,
0.3294


 31.6691, 0.4560,
0.3294

 26.3801, 0.5025,
0.3295


 38.4747, 0.4150,
0.3293


 22.4872, 0.5507,
0.3297

 46.8954, 0.3808,
0.3292

 19.8599, 0.5940,
0.3298

 57.0272, 0.3530,
0.3291

 18.3409, 0.6247,
0.3299

 68.9575, 0.3308,
0.3291

 17.6674, 0.6401,
0.3300

 82.7673, 0.3131,
0.3290

 96.4073, 0.3006,
0.3290

Harmonies

Analogous

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



31.6691, 0.3956, 0.2757



31.6691, 0.4560, 0.3294



31.6691, 0.4695, 0.3876

Triad

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



31.6691, 0.4560, 0.3294



31.6691, 0.2957, 0.4585



31.6691, 0.1948, 0.2127

Complementary

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



31.6691, 0.4560, 0.3294



69.2137, 0.2473, 0.3288

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.



31.6691, 0.1764, 0.2416



31.6691, 0.4560, 0.3294



31.6691, 0.2284, 0.3874

Square

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



31.6691, 0.4560, 0.3294



31.6691, 0.3717, 0.4753



31.6691, 0.1870, 0.3025



31.6691, 0.2416, 0.2116

Rectangle

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



31.6691, 0.4560, 0.3294



31.6691, 0.4516, 0.4253



31.6691, 0.1870, 0.3025



31.6691, 0.1855, 0.2190

Sweetspot

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



31.6708, 0.4560, 0.3294



75.7540, 0.3409, 0.3291



36.0532, 0.3165, 0.2075



15.5730, 0.3457, 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.



31.6708, 0.4560, 0.3294



31.7225, 0.5027, 0.3295



49.2389, 0.4196, 0.3926



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



31.6708, 0.4560, 0.3294



31.7225, 0.5027, 0.3295



41.6116, 0.2325, 0.2530



15.0541, 0.3293, 0.3290



9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 31.6691, 0.4560, 0.3294 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 31.6691, 0.4560, 0.3294 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 31.6691, 0.4560, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 31.6691, 0.4560, 0.3294.



This preview shows how white text looks on a background with the Yxy color 31.6691, 0.4560, 0.3294.

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

31.6691, 0.4560, 0.3294

Protanopia

31.9773, 0.3381, 0.3581

Deuteranopia

31.8610, 0.3857, 0.3791



Tritanopia

31.7789, 0.4487, 0.3206

Trichromacy



Original Color

31.6691, 0.4560, 0.3294

Protanomaly

30.8795, 0.3784, 0.3460

Deuteranomaly

31.2407, 0.4119, 0.3582

Tritanomaly

31.7041, 0.4525, 0.3240

Monochromacy



Original Color

31.6691, 0.4560, 0.3294

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2744, 0.3608, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6691, 0.4560, 0.3294 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(235, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(235, 117, 117)  
}
```

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(235, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 117, 117) }
```

Border

The CSS property to change the border of an element to Yxy 31.6691, 0.4560, 0.3294 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(235, 117, 117) }
```

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

```
.border{ border-color:rgb(235, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(235, 117,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6691, 0.4560, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 117, 117) }
```

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

```
.background{ background-color: rgb(235,  
117, 117) }
```

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