

Converting Colors

$Y_{xy}(31.9397, 0.4541, 0.3296)$

Have a look what the booklet for
Yxy(31.9397, 0.4541, 0.3296)
contains.

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Color

Yxy(31.9270, 0.4541, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	EB7676
RGB	235, 118, 118
RGB Percent	92%, 46%, 46%
CMY	0.0784, 0.5373, 0.5372
CMYK	0.00, 0.50, 0.50, 0.08
HSL	360°, 75%, 69%
HSV	360°, 50%, 92%
XYZ	44.0135, 31.9270, 20.9842
YIQ	152.9830, 69.7320, 24.8040

Conversions

Conversions Part 2

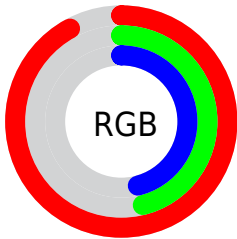
Format	Color
R _Y B	235, 118, 118
Decimal	15431286
CIE Lab	63.28, 45.09, 21.17
CIE LCh	63, 49.816, 25.148
Yxy	31.9270, 0.4541, 0.3294
Android (android.graphics.Color)	4293621366 (0xFFEB7676)
YUV	152.9830, -17.2466, 71.9289
Hunter-Lab	56.5040, 40.1598, 17.5339

Details

The Yxy color **31.9270, 0.4541, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **69.2750, 0.2477, 0.3288**, and the grayscale version is **31.9016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0494, 0.3901, 0.3324**, and **13.3367, 0.5007, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **26.5756, 0.5004, 0.3295**, and if you desaturate by 10%, it is **38.7995, 0.4134, 0.3293**.

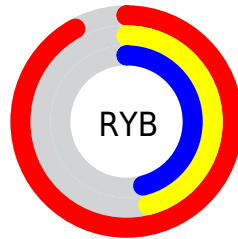
Distribution



Red (92%)

Green (46%)

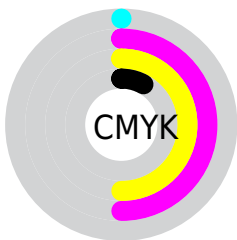
Blue (46%)



Red (92%)

Yellow (46%)

Blue (46%)

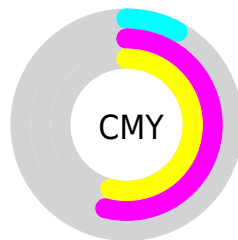


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (8%)



Cyan (8%)


Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9270, 0.4541, 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 31.9270, 0.4541, 0.3294 by changing the saturation by 10% instead.

 31.9270, 0.4541,
0.3294


 31.9270, 0.4541,
0.3294


310.7866, 0.3785,
0.3326

 21.3057, 0.4743,
0.3272


 62.6966, 0.4256,
0.3315

 13.3477, 0.5008,
0.3236


 83.6138, 0.4152,
0.3320

 7.6684, 0.5368,
0.3170


 108.7317, 0.4065,
0.3323

 3.8835, 0.5878,
0.3045

138.4348, 0.3991,
0.3325

 1.6086, 0.6885,
0.2897

173.1074, 0.3928,
0.3326

 0.3634, 0.8151,
0.1849

213.1340, 0.3874,


 0.0000, 1.0000,


0.3326


0.0000


258.8989, 0.3826,
0.3326


 0.0000, 0.0000,
0.0000


 31.9270, 0.4541,
0.3294


 31.9270, 0.4541,
0.3294


 26.5756, 0.5004,
0.3295


 38.7995, 0.4134,
0.3293


 22.6253, 0.5487,
0.3297

 47.2912, 0.3795,
0.3292


 19.9466, 0.5924,
0.3298


 57.4977, 0.3520,
0.3291


 18.3836, 0.6238,
0.3299

 69.5060, 0.3299,
0.3290

 17.6765, 0.6398,
0.3300

 83.3970, 0.3124,
0.3290

 17.6648, 0.6401,
0.3300

 96.4048, 0.3005,
0.3290

Harmonies

Analogous

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



31.9270, 0.3944, 0.2762



31.9270, 0.4541, 0.3294



31.9270, 0.4677, 0.3871

Triad

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



31.9270, 0.4541, 0.3294



31.9270, 0.2963, 0.4568



31.9270, 0.1959, 0.2140

Complementary

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



31.9270, 0.4541, 0.3294



69.2750, 0.2477, 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.



31.9270, 0.1777, 0.2428



31.9270, 0.4541, 0.3294



31.9270, 0.2296, 0.3869

Square

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



31.9270, 0.4541, 0.3294



31.9270, 0.3714, 0.4734



31.9270, 0.1885, 0.3031



31.9270, 0.2422, 0.2128

Rectangle

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



31.9270, 0.4541, 0.3294



31.9270, 0.4502, 0.4243



31.9270, 0.1885, 0.3031



31.9270, 0.1867, 0.2203

Sweetspot

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



31.9287, 0.4541, 0.3294



75.7539, 0.3409, 0.3291



36.2893, 0.3165, 0.2084



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.



31.9287, 0.4541, 0.3294



31.7224, 0.5027, 0.3295



49.4596, 0.4184, 0.3921



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



31.9287, 0.4541, 0.3294



31.7224, 0.5027, 0.3295



41.8726, 0.2332, 0.2538



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 31.9270, 0.4541, 0.3294 looks on a white background.

Color Contrast Check

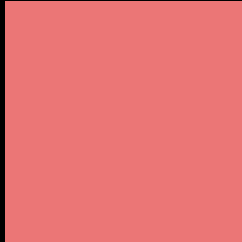
Large Text (above 18pt) WCAG AA × Fail

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 31.9270, 0.4541, 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 31.9270, 0.4541, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 31.9270, 0.4541, 0.3294.



This preview shows how white text looks on a background with the Yxy color 31.9270, 0.4541, 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

31.9270, 0.4541, 0.3294

Protanopia

32.1088, 0.3382, 0.3564

Deuteranopia

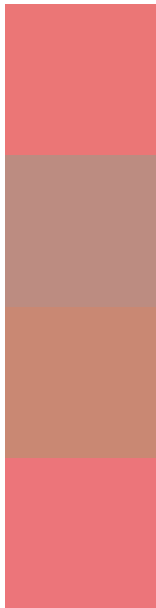
32.0048, 0.3857, 0.3775



Tritanopia

32.0361, 0.4469, 0.3206

Trichromacy



Original Color

31.9270, 0.4541, 0.3294

Protanomaly

31.0325, 0.3783, 0.3445

Deuteranomaly

31.2636, 0.4108, 0.3569

Tritanomaly

31.9606, 0.4507, 0.3239

Monochromacy



Original Color

31.9270, 0.4541, 0.3294

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7169, 0.3605, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9270, 0.4541, 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, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(235, 118, 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(235, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 118, 118) }
```

Border

The CSS property to change the border of an element to Yxy 31.9270, 0.4541, 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, 118, 118) }
```

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

```
.border{ border-color:rgb(235, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(235, 118,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9270, 0.4541, 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, 118, 118) }
```

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

```
.background{ background-color: rgb(235,  
118, 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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