

Converting Colors

Yxy(31.8137, 0.4459, 0.3346)

Have a look what the booklet for
Yxy(31.8137, 0.4459, 0.3346)
contains.

Yxy(31.8614, 0.4468, 0.3351)	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(31.8614, 0.4468, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E57A75
RGB	229, 122, 117
RGB Percent	90%, 48%, 46%
CMY	0.1020, 0.5215, 0.5412
CMYK	0.00, 0.47, 0.49, 0.10
HSL	3°, 68%, 68%
HSV	3°, 49%, 90%
XYZ	42.4819, 31.8614, 20.7370
YIQ	153.4230, 65.3770, 21.1290

Conversions

Conversions Part 2

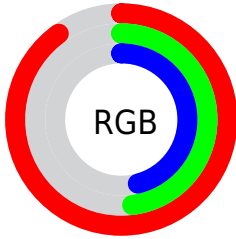
Format	Color
R _Y B	229, 122, 117
Decimal	15039093
CIE Lab	63.23, 40.79, 21.53
CIE LCh	63, 46.122, 27.829
Yxy	31.8614, 0.4468, 0.3351
Android (android.graphics.Color)	4293229173 (0xFFE57A75)
YUV	153.4230, -17.9565, 66.2810
Hunter-Lab	56.4459, 35.5609, 17.7303

Details

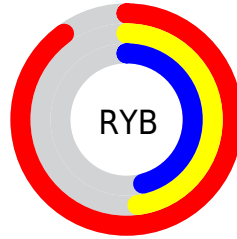
The Yxy color **31.8614, 0.4468, 0.3351** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.7354, 0.2474, 0.3224**, and the grayscale version is **32.1088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1752, 0.3900, 0.3366**, and **13.3560, 0.4916, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **26.6078, 0.4912, 0.3359**, and if you desaturate by 10%, it is **38.4587, 0.4080, 0.3339**.

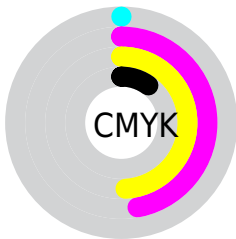
Distribution



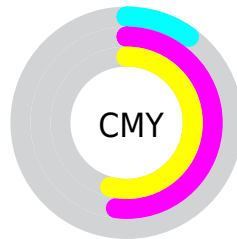
- Red (90%)
- Green (48%)
- Blue (46%)



- Red (90%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (47%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8614, 0.4468, 0.3351 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 31.8614, 0.4468, 0.3351 by changing the saturation by 10% instead.


 31.8614, 0.4468,
0.3351


 31.8614, 0.4468,
0.3351


310.4874, 0.3750,
0.3351


 21.2557, 0.4660,
0.3338


 62.5937, 0.4197,
0.3360

 13.3110, 0.4913,
0.3314


 83.4891, 0.4098,
0.3360

 7.6431, 0.5258,
0.3264


 108.5832, 0.4016,
0.3360

 3.8674, 0.5747,
0.3162

138.2603, 0.3946,
0.3358

 1.5997, 0.6762,
0.3067

172.9049, 0.3886,
0.3357

 0.3574, 0.8010,
0.1990

212.9014, 0.3835,

 0.0000, 1.0000,

0.3355

0.0000


258.6341, 0.3790,
0.3353


 0.0000, 0.0000,
0.0000

 31.8614, 0.4468,
0.3351


 31.8614, 0.4468,
0.3351


 26.6078, 0.4912,
0.3359


 38.4587, 0.4080,
0.3339

 22.6011, 0.5383,
0.3361


 46.4781, 0.3757,
0.3326


 19.7395, 0.5825,
0.3354

 55.9976, 0.3493,
0.3313

 17.9030, 0.6167,
0.3338

 67.0882, 0.3281,
0.3300

 16.9415, 0.6361,
0.3319

 79.8166, 0.3110,
0.3289

 16.8800, 0.6376,
0.3319

 94.2454, 0.2973,
0.3278

 95.3972, 0.2970,
0.3290

Harmonies

Analogous

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



31.8614, 0.3947, 0.2840



31.8614, 0.4468, 0.3351



31.8614, 0.4560, 0.3895

Triad

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



31.8614, 0.4468, 0.3351



31.8614, 0.2920, 0.4422



31.8614, 0.2061, 0.2202

Complementary

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



31.8614, 0.4468, 0.3351



62.7354, 0.2474, 0.3224

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.



31.8614, 0.1865, 0.2454



31.8614, 0.4468, 0.3351



31.8614, 0.2310, 0.3755

Square

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



31.8614, 0.4468, 0.3351



31.8614, 0.3624, 0.4635



31.8614, 0.1944, 0.2996



31.8614, 0.2523, 0.2209

Rectangle

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



31.8614, 0.4468, 0.3351



31.8614, 0.4379, 0.4235



31.8614, 0.1944, 0.2996



31.8614, 0.1966, 0.2256

Sweetspot

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



31.8630, 0.4468, 0.3351



76.6409, 0.3407, 0.3308



34.8279, 0.3218, 0.2143



15.7827, 0.3454, 0.3311



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.



31.8630, 0.4468, 0.3351



33.7039, 0.4932, 0.3359



49.2774, 0.4125, 0.3971



14.4710, 0.3291, 0.3301



9.6979, 0.6367, 0.3327



0.7534, 0.6274, 0.3401

Inverse Universe

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



62.7354, 0.2474, 0.3224



77.4881, 0.2380, 0.3209



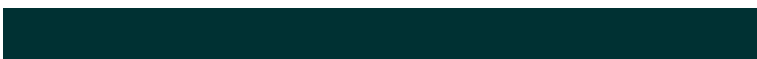
37.9104, 0.2331, 0.2475



16.2198, 0.2982, 0.3279



32.1710, 0.2208, 0.3150



2.4118, 0.2214, 0.3172

Previews

White Background



This preview shows how the Yxy color 31.8614, 0.4468, 0.3351 looks on a white background.

Color Contrast Check

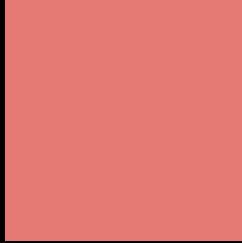
Large Text (above 18pt) WCAG AA × Fail

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 31.8614, 0.4468, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

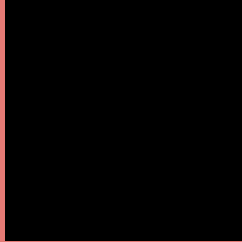
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8614, 0.4468, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 31.8614, 0.4468, 0.3351.



This preview shows how white text looks on a background with the Yxy color 31.8614, 0.4468, 0.3351.

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

31.8614, 0.4468, 0.3351

Protanopia

32.0255, 0.3411, 0.3611

Deuteranopia

32.0048, 0.3857, 0.3775



Tritanopia

31.8409, 0.4341, 0.3191

Trichromacy



Original Color

31.8614, 0.4468, 0.3351

Protanomaly

31.3174, 0.3775, 0.3502

Deuteranomaly

31.5340, 0.4085, 0.3611

Tritanomaly

31.9784, 0.4385, 0.3248

Monochromacy



Original Color

31.8614, 0.4468, 0.3351

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0632, 0.3576, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8614, 0.4468, 0.3351 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(229, 122, 117)` looks like.

```
.text, #text, p{  
    color:rgb(229, 122, 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(229, 122, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 122, 117) }
```

Border

The CSS property to change the border of an element to Yxy 31.8614, 0.4468, 0.3351 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(229, 122, 117) }
```

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

```
.border{ border-color:rgb(229, 122, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 122, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 122, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 122, 117);  
box-shadow:4px 4px 4px 4px rgb(229, 122,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8614, 0.4468, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 122, 117) }
```

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

```
.background{ background-color: rgb(229,  
122, 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](#).

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