

Converting Colors

Yxy(31.3816, 0.4346, 0.3282)

Have a look what the booklet for
Yxy(31.3816, 0.4346, 0.3282)
contains.

Yxy(31.3567, 0.4353, 0.3282)	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(31.3567, 0.4353, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	E17A7B
RGB	225, 122, 123
RGB Percent	88%, 48%, 48%
CMY	0.1176, 0.5216, 0.5177
CMYK	0.00, 0.46, 0.45, 0.12
HSL	359°, 63%, 68%
HSV	359°, 46%, 88%
XYZ	41.5892, 31.3567, 22.5956
YIQ	152.9110, 61.0670, 22.1470

Conversions

Conversions Part 2

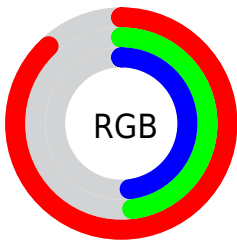
Format	Color
R _Y B	225, 122, 123
Decimal	14776955
CIE Lab	62.81, 39.90, 17.47
CIE LCh	63, 43.559, 23.639
Yxy	31.3567, 0.4353, 0.3282
Android (android.graphics.Color)	4292967035 (0xFFE17A7B)
YUV	152.9110, -14.7461, 63.2221
Hunter-Lab	55.9971, 34.5777, 15.2736

Details

The Yxy color **31.3567, 0.4353, 0.3282** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.3795, 0.2521, 0.3301**, and the grayscale version is **31.8602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4058, 0.3845, 0.3303**, and **12.9817, 0.4775, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **25.9618, 0.4791, 0.3282**, and if you desaturate by 10%, it is **38.1609, 0.3978, 0.3283**.

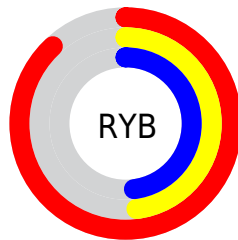
Distribution



Red (88%)

Green (48%)

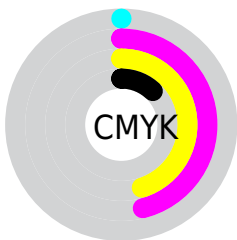
Blue (48%)



Red (88%)

Yellow (48%)

Blue (48%)

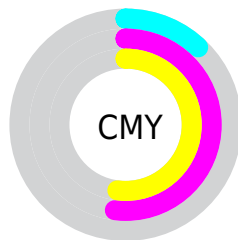


Cyan (0%)

Magenta (46%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.3567, 0.4353, 0.3282 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 31.3567, 0.4353, 0.3282 by changing the saturation by 10% instead.


 31.3567, 0.4353,
0.3282


 31.3567, 0.4353,
0.3282


308.1783, 0.3694,
0.3311


 20.8706, 0.4531,
0.3264


 61.8012, 0.4103,
0.3300

 13.0295, 0.4767,
0.3235


 82.5285, 0.4012,
0.3304

 7.4488, 0.5093,
0.3182


 107.4382, 0.3937,
0.3307

 3.7443, 0.5565,
0.3081

136.9148, 0.3873,
0.3309

 1.5316, 0.6443,
0.2938

171.3428, 0.3819,
0.3310

 0.3108, 0.8124,
0.1876

211.1064, 0.3771,

 0.0000, 1.0000,

0.3311

0.0000

256.5901, 0.3730,
0.3311

■ 0.0000, 0.0000,
0.0000

■ 31.3567, 0.4353,
0.3282

■ 31.3567, 0.4353,
0.3282

■ 25.9618, 0.4791,
0.3282

■ 38.1609, 0.3978,
0.3283

■ 21.8731, 0.5268,
0.3283

■ 46.4585, 0.3670,
0.3285

■ 18.9814, 0.5732,
0.3285


■ 56.3326, 0.3422,
0.3287


■ 17.1573, 0.6109,
0.3290

■ 67.8589, 0.3223,
0.3289

■ 16.2416, 0.6335,
0.3295

■ 81.1082, 0.3065,
0.3291

 16.0149, 0.6393,
0.3295

 94.7501, 0.2946,
0.3289

Harmonies

Analogous

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



31.3567, 0.3814, 0.2800



31.3567, 0.4353, 0.3282



31.3567, 0.4505, 0.3804

Triad

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



31.3567, 0.4353, 0.3282



31.3567, 0.3027, 0.4417



31.3567, 0.2066, 0.2269

Complementary

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



31.3567, 0.4353, 0.3282



63.3795, 0.2521, 0.3301

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.



31.3567, 0.1913, 0.2552



31.3567, 0.4353, 0.3282



31.3567, 0.2421, 0.3834

Square

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



31.3567, 0.4353, 0.3282



31.3567, 0.3696, 0.4556



31.3567, 0.2030, 0.3107



31.3567, 0.2476, 0.2241

Rectangle

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



31.3567, 0.4353, 0.3282



31.3567, 0.4371, 0.4135



31.3567, 0.2030, 0.3107



31.3567, 0.1986, 0.2333

Sweetspot

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



31.3583, 0.4353, 0.3282



77.2282, 0.3385, 0.3287



35.0910, 0.3163, 0.2173



15.8639, 0.3432, 0.3287



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.



31.3583, 0.4353, 0.3282



34.7278, 0.4772, 0.3282



46.8402, 0.4074, 0.3872



13.7027, 0.3291, 0.3288



9.2280, 0.6390, 0.3294



0.6404, 0.6358, 0.3276

Inverse Universe

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



31.3583, 0.4353, 0.3282



34.7278, 0.4772, 0.3282



40.3215, 0.2396, 0.2612



13.7027, 0.3291, 0.3288



9.2280, 0.6390, 0.3294



0.6404, 0.6358, 0.3276

Previews

White Background



This preview shows how the Yxy color 31.3567, 0.4353, 0.3282 looks on a white background.

Color Contrast Check

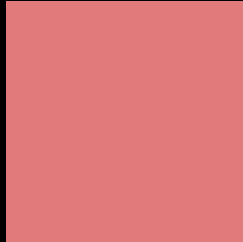
Large Text (above 18pt) WCAG AA × Fail

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 31.3567, 0.4353, 0.3282 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 31.3567, 0.4353, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 31.3567, 0.4353, 0.3282.



This preview shows how white text looks on a background with the Yxy color 31.3567, 0.4353, 0.3282.

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

31.3567, 0.4353, 0.3282

Protanopia

31.6624, 0.3333, 0.3505

Deuteranopia

31.3547, 0.3755, 0.3683



Tritanopia

31.4552, 0.4281, 0.3189

Trichromacy



Original Color

31.3567, 0.4353, 0.3282

Protanomaly

30.8105, 0.3679, 0.3405

Deuteranomaly

30.8495, 0.3978, 0.3522

Tritanomaly

31.3758, 0.4319, 0.3224

Monochromacy



Original Color

31.3567, 0.4353, 0.3282

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8827, 0.3532, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3567, 0.4353, 0.3282 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(225, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(225, 122, 123)  
}
```

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(225, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 122, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.3567, 0.4353, 0.3282 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(225, 122, 123) }
```

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

```
.border{ border-color:rgb(225, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(225, 122,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3567, 0.4353, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 122, 123) }
```

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

```
.background{ background-color: rgb(225,  
122, 123) }
```

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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