

Converting Colors

$Yxy(64.6565, 0.3455, 0.3378)$

Have a look what the booklet for
Yxy(64.6565, 0.3455, 0.3378)
contains.

Yxy(64.6565, 0.3455, 0.3378)	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(64.6565, 0.3455, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	EDCBC3
RGB	237, 203, 195
RGB Percent	93%, 80%, 76%
CMY	0.0706, 0.2039, 0.2353
CMYK	0.00, 0.14, 0.18, 0.07
HSL	11°, 54%, 85%
HSV	11°, 18%, 93%
XYZ	66.1303, 64.6565, 60.6179
YIQ	212.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

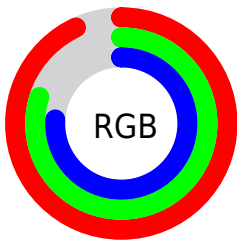
Format	Color
R _Y B	237, 205, 195
Decimal	15584195
CIE Lab	84.31, 10.70, 8.41
CIE LCh	84, 13.611, 38.177
Yxy	64.6565, 0.3455, 0.3378
Android (android.graphics.Color)	4293774275 (0xFFEDCBC3)
YUV	212.2540, -8.5062, 21.7022
Hunter-Lab	80.4093, 6.0860, 11.5897

Details

The Yxy color **64.6565, 0.3455, 0.3378** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7454, 0.2856, 0.3200**, and the grayscale version is **66.0636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **33.2417, 0.3545, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **55.1660, 0.3695, 0.3431**, and if you desaturate by 10%, it is **75.4435, 0.3256, 0.3327**.

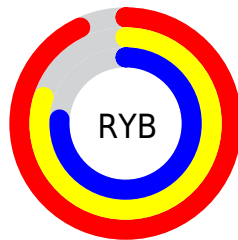
Distribution



Red (93%)

Green (80%)

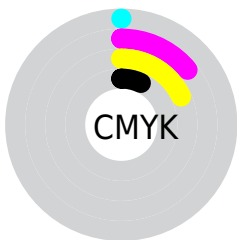
Blue (76%)



Red (93%)

Yellow (80%)

Blue (76%)

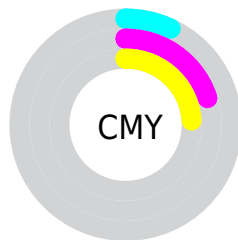


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6565, 0.3455, 0.3378 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 64.6565, 0.3455, 0.3378 by changing the saturation by 10% instead.


 64.6565, 0.3455,
0.3378

 64.6565, 0.3455,
0.3378

441.5566, 0.3299,
0.3338

 47.1826, 0.3492,
0.3387


111.5559, 0.3400,
0.3365

 33.1800, 0.3538,
0.3397


141.7501, 0.3379,
0.3359

 22.2644, 0.3597,
0.3410


176.9533, 0.3361,
0.3355

 14.0513, 0.3676,
0.3427

217.5498, 0.3345,
0.3351

 8.1564, 0.3787,
0.3448

263.9239, 0.3331,
0.3347

 4.1952, 0.3953,
0.3477

316.4602, 0.3319,

 1.7833, 0.4228,

0.3344

0.3513

375.5429, 0.3309,
0.3341

0.4767, 0.5997,
0.4003

0.0000, 0.0000,
0.0000

64.6565, 0.3455,
0.3378

64.6565, 0.3455,
0.3378

55.1660, 0.3695,
0.3431

75.4435, 0.3256,
0.3327

46.9144, 0.3984,
0.3485

87.5643, 0.3093,
0.3280

39.8529, 0.4324,
0.3534

96.7446, 0.3017,
0.3290

33.9259, 0.4711,
0.3573

■ 29.0733, 0.5129,
0.3592

■ 25.2294, 0.5544,
0.3582

■ 22.3209, 0.5906,
0.3538

■ 20.2623, 0.6167,
0.3463

■ 19.8985, 0.6215,
0.3447

Harmonies

Analogous

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



64.6565, 0.3367, 0.3231



64.6565, 0.3455, 0.3378



64.6565, 0.3452, 0.3507

Triad

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



64.6565, 0.3455, 0.3378



64.6565, 0.3034, 0.3490



64.6565, 0.2895, 0.3006

Complementary

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



64.6565, 0.3455, 0.3378



73.7454, 0.2856, 0.3200

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.



64.6565, 0.2812, 0.3065



64.6565, 0.3455, 0.3378



64.6565, 0.2891, 0.3344

Square

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



64.6565, 0.3455, 0.3378



64.6565, 0.3206, 0.3578



64.6565, 0.2810, 0.3188



64.6565, 0.3042, 0.3020

Rectangle

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



64.6565, 0.3455, 0.3378



64.6565, 0.3399, 0.3565



64.6565, 0.2810, 0.3188



64.6565, 0.2859, 0.3017

Sweetspot

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



64.6594, 0.3455, 0.3378



92.7989, 0.3209, 0.3314



62.7045, 0.3204, 0.2928



19.6531, 0.3221, 0.3317



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.



64.6594, 0.3455, 0.3378



72.4194, 0.3531, 0.3396



75.0932, 0.3417, 0.3596



15.5191, 0.3288, 0.3336



11.0054, 0.6191, 0.3466



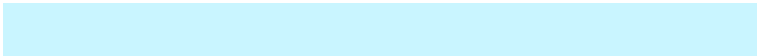
0.9937, 0.5937, 0.3668

Inverse Universe

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



73.7454, 0.2856, 0.3200



84.8729, 0.2806, 0.3182



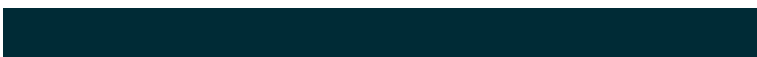
62.9705, 0.2843, 0.2964



16.6049, 0.2981, 0.3244



24.0515, 0.2074, 0.2668



2.0141, 0.2101, 0.2763

Previews

White Background



This preview shows how the Yxy color 64.6565, 0.3455, 0.3378 looks on a white background.

Color Contrast Check

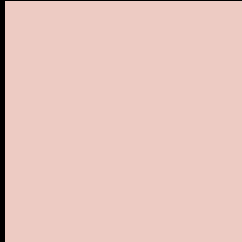
Large Text (above 18pt) WCAG AA × Fail

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 64.6565, 0.3455, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

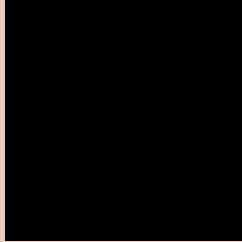
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6565, 0.3455, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 64.6565, 0.3455, 0.3378.

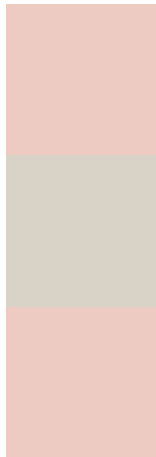


This preview shows how white text looks on a background with the Yxy color 64.6565, 0.3455, 0.3378.

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

64.6565, 0.3455, 0.3378

Protanopia

64.9684, 0.3257, 0.3415

Deuteranopia

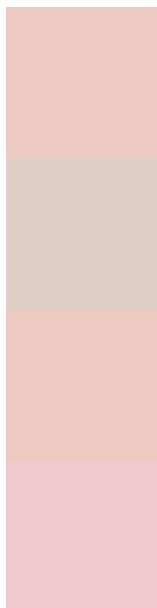
64.6565, 0.3455, 0.3378



Tritanopia

64.7401, 0.3330, 0.3131

Trichromacy



Original Color

64.6565, 0.3455, 0.3378

Protanomaly

64.5502, 0.3323, 0.3391

Deuteranomaly

64.6565, 0.3455, 0.3378

Tritanomaly

64.6781, 0.3374, 0.3216

Monochromacy



Original Color

64.6565, 0.3455, 0.3378

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4293, 0.3239, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6565, 0.3455, 0.3378 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(237, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 195)  
}
```

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(237, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 195) }
```

Border

The CSS property to change the border of an element to Yxy 64.6565, 0.3455, 0.3378 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(237, 203, 195) }
```

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

```
.border{ border-color:rgb(237, 203, 195) }
```

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

Here you see how a box with a 4 pixel rgb(237, 203, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 203,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6565, 0.3455, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 195) }
```

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

```
.background{ background-color: rgb(237,  
203, 195) }
```

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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