

Converting Colors

Yxy(64.9450, 0.3294, 0.3335)

Have a look what the booklet for
Yxy(64.9450, 0.3294, 0.3335)
contains.

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Color

Yxy(64.9450, 0.3294, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFCB
RGB	225, 207, 203
RGB Percent	88%, 81%, 80%
CMY	0.1176, 0.1882, 0.2040
CMYK	0.00, 0.08, 0.10, 0.12
HSL	11°, 27%, 84%
HSV	11°, 10%, 88%
XYZ	64.1466, 64.9450, 65.6461
YIQ	211.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

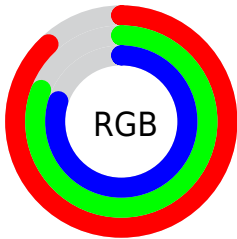
Format	Color
R _Y B	225, 208, 203
Decimal	14798795
CIE Lab	84.46, 5.58, 4.24
CIE LCh	84, 7.010, 37.223
Yxy	64.9450, 0.3294, 0.3335
Android (android.graphics.Color)	4292988875 (0xFFE1CF CB)
YUV	211.9260, -4.4005, 11.4659
Hunter-Lab	80.5885, 1.0521, 8.1152

Details

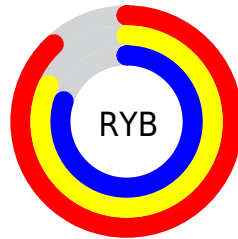
The Yxy color **64.9450, 0.3294, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8483, 0.2976, 0.3245**, and the grayscale version is **65.8129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4984, 0.3338, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **55.5480, 0.3500, 0.3384**, and if you desaturate by 10%, it is **75.5428, 0.3124, 0.3289**.

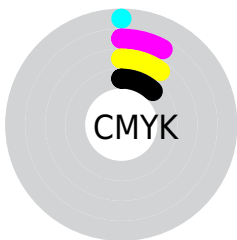
Distribution



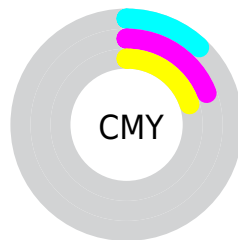
- Red (88%)
- Green (81%)
- Blue (80%)



- Red (88%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (12%)




- Cyan (12%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9450, 0.3294, 0.3335 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 64.9450, 0.3294, 0.3335 by changing the saturation by 10% instead.


 64.9450, 0.3294,
0.3335

 64.9450, 0.3294,
0.3335


442.5943, 0.3215,
0.3314

 47.4165, 0.3313,
0.3340


111.9708, 0.3266,
0.3328

 33.3650, 0.3336,
0.3345


142.2368, 0.3255,
0.3325

 22.4062, 0.3366,
0.3353


177.5175, 0.3246,
0.3323

 14.1557, 0.3406,
0.3362

218.1972, 0.3238,
0.3321

 8.2290, 0.3461,
0.3375

264.6604, 0.3231,
0.3319

 4.2418, 0.3545,
0.3394

317.2913, 0.3225,

 1.8097, 0.3685,

0.3317

0.3421

376.4745, 0.3220,
0.3316

0.4932, 0.4519,
0.3684

0.0000, 0.0000,
0.0000

64.9450, 0.3294,
0.3335

64.9450, 0.3294,
0.3335

55.5480, 0.3500,
0.3384

75.5428, 0.3124,
0.3289

47.3010, 0.3750,
0.3435

87.3729, 0.2984,
0.3247

40.1622, 0.4050,
0.3486

94.7507, 0.2946,
0.3289

34.0839, 0.4401,
0.3531

■ 29.0149, 0.4798,
0.3565

■ 24.8999, 0.5221,
0.3578

■ 21.6779, 0.5632,
0.3562

■ 19.2806, 0.5978,
0.3512

■ 17.6234, 0.6221,
0.3440

Harmonies

Analogous

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



64.9450, 0.3248, 0.3258



64.9450, 0.3294, 0.3335



64.9450, 0.3294, 0.3402

Triad

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



64.9450, 0.3294, 0.3335



64.9450, 0.3083, 0.3393



64.9450, 0.3006, 0.3143

Complementary

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



64.9450, 0.3294, 0.3335



69.8483, 0.2976, 0.3245

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.



64.9450, 0.2963, 0.3177



64.9450, 0.3294, 0.3335



64.9450, 0.3007, 0.3321

Square

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



64.9450, 0.3294, 0.3335



64.9450, 0.3171, 0.3437



64.9450, 0.2963, 0.3242



64.9450, 0.3081, 0.3148

Rectangle

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



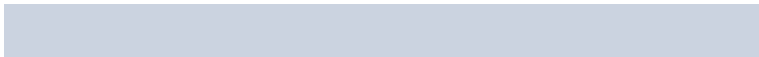
64.9450, 0.3294, 0.3335



64.9450, 0.3269, 0.3431



64.9450, 0.2963, 0.3242



64.9450, 0.2987, 0.3150

Sweetspot

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



64.9479, 0.3294, 0.3335



95.5899, 0.3175, 0.3304



63.9557, 0.3165, 0.3090



20.2133, 0.3189, 0.3307



0.0000, 0.0000, 0.0000



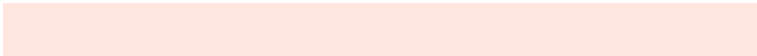
21.4041, 0.3127, 0.3290

Same Dimension

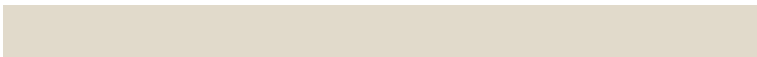
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9479, 0.3294, 0.3335



83.2426, 0.3338, 0.3346



70.2965, 0.3281, 0.3452



14.1023, 0.3287, 0.3333



10.2599, 0.6203, 0.3457



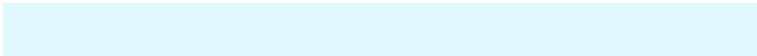
0.8310, 0.5920, 0.3682

Inverse Universe

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



69.8483, 0.2976, 0.3245



91.1465, 0.2942, 0.3233



64.3892, 0.2975, 0.3123



15.1255, 0.2982, 0.3246



23.0492, 0.2083, 0.2699



1.7096, 0.2111, 0.2800

Previews

White Background



This preview shows how the Yxy color 64.9450, 0.3294, 0.3335 looks on a white background.

Color Contrast Check

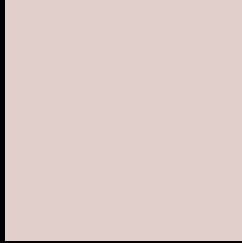
Large Text (above 18pt) WCAG AA × Fail

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 64.9450, 0.3294, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

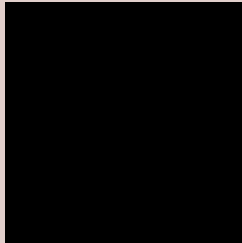
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

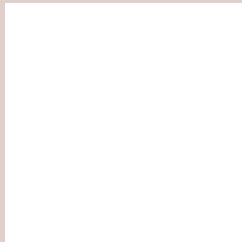
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9450, 0.3294, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 64.9450, 0.3294, 0.3335.



This preview shows how white text looks on a background with the Yxy color 64.9450, 0.3294, 0.3335.

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

64.9450, 0.3294, 0.3335

Protanopia

65.0999, 0.3207, 0.3347

Deuteranopia

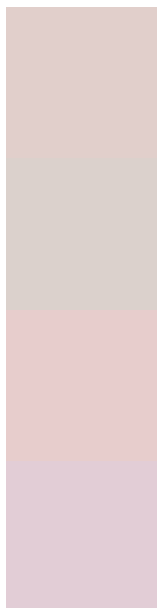
65.0378, 0.3361, 0.3291



Tritanopia

64.6839, 0.3189, 0.3116

Trichromacy



Original Color

64.9450, 0.3294, 0.3335

Protanomaly

65.0206, 0.3238, 0.3346

Deuteranomaly

65.0112, 0.3336, 0.3302

Tritanomaly

64.6864, 0.3223, 0.3192

Monochromacy



Original Color

64.9450, 0.3294, 0.3335

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4483, 0.3187, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9450, 0.3294, 0.3335 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, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 203)  
}
```

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, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 203) }
```

Border

The CSS property to change the border of an element to Yxy 64.9450, 0.3294, 0.3335 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, 207, 203) }
```

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

```
.border{ border-color:rgb(225, 207, 203) }
```

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

Here you see how a box with a 4 pixel rgb(225, 207, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9450, 0.3294, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 203) }
```

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

```
.background{ background-color: rgb(225,  
207, 203) }
```

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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