

Converting Colors

Yxy(64.6384, 0.3473, 0.3408)

Have a look what the booklet for
Yxy(64.6384, 0.3473, 0.3408)
contains.

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Color

Yxy(64.5222, 0.3478, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	EDCBC0
RGB	237, 203, 192
RGB Percent	93%, 80%, 75%
CMY	0.0707, 0.2039, 0.2471
CMYK	0.00, 0.14, 0.19, 0.07
HSL	15°, 56%, 84%
HSV	15°, 19%, 93%
XYZ	65.7896, 64.5222, 58.8474
YIQ	211.9120, 23.7950, 3.7870

Conversions

Conversions Part 2

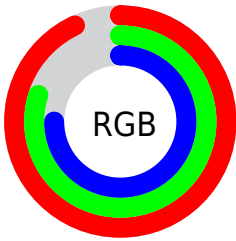
Format	Color
R _Y B	237, 207, 192
Decimal	15584192
CIE Lab	84.24, 10.24, 9.91
CIE LCh	84, 14.248, 44.072
Yxy	64.5222, 0.3478, 0.3411
Android (android.graphics.Color)	4293774272 (0xFFEDCBC0)
YUV	211.9120, -9.8166, 22.0022
Hunter-Lab	80.3257, 5.6277, 12.7915

Details

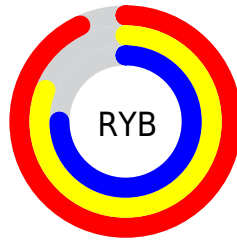
The Yxy color **64.5222, 0.3478, 0.3411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6866, 0.2835, 0.3166**, and the grayscale version is **65.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **33.1827, 0.3565, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **55.5890, 0.3717, 0.3479**, and if you desaturate by 10%, it is **74.6056, 0.3278, 0.3345**.

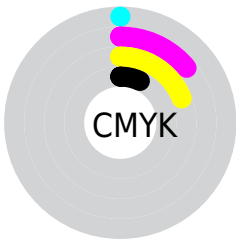
Distribution



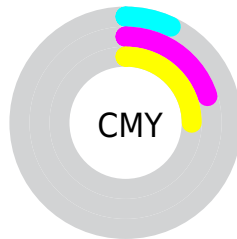
- Red (93%)
- Green (80%)
- Blue (75%)



- Red (93%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5222, 0.3478, 0.3411 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 64.5222, 0.3478, 0.3411 by changing the saturation by 10% instead.

 64.5222, 0.3478,
0.3411

 64.5222, 0.3478,
0.3411


441.0730, 0.3311,
0.3356

 47.0738, 0.3517,
0.3423

 111.3626, 0.3419,
0.3392

 33.0940, 0.3567,
0.3438


141.5234, 0.3396,
0.3385

 22.1984, 0.3630,
0.3457


176.6905, 0.3377,
0.3378

 14.0028, 0.3715,
0.3480


217.2481, 0.3360,
0.3373

 8.1226, 0.3833,
0.3511

263.5808, 0.3346,
0.3368

 4.1735, 0.4011,
0.3553

316.0729, 0.3333,

 1.7711, 0.4304,

0.3364

0.3609

375.1088, 0.3321,
0.3360

0.4691, 0.5973,
0.4027

0.0000, 0.0000,
0.0000

64.5222, 0.3478,
0.3411

64.5222, 0.3478,
0.3411

55.5890, 0.3717,
0.3479

74.6056, 0.3278,
0.3345

47.7560, 0.4001,
0.3548

85.8692, 0.3112,
0.3284

40.9826, 0.4331,
0.3610

96.7414, 0.3017,
0.3290

35.2223, 0.4702,
0.3659

■ 30.4249, 0.5099,
0.3685

■ 26.5357, 0.5490,
0.3675

■ 23.4940, 0.5833,
0.3624

■ 21.2268, 0.6089,
0.3537

■ 21.0353, 0.6112,
0.3529

Harmonies

Analogous

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



64.5222, 0.3403, 0.3258



64.5222, 0.3478, 0.3411



64.5222, 0.3455, 0.3538

Triad

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



64.5222, 0.3478, 0.3411



64.5222, 0.2997, 0.3473



64.5222, 0.2910, 0.2990

Complementary

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



64.5222, 0.3478, 0.3411



71.6866, 0.2835, 0.3166

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.



64.5222, 0.2808, 0.3036



64.5222, 0.3478, 0.3411



64.5222, 0.2857, 0.3314

Square

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



64.5222, 0.3478, 0.3411



64.5222, 0.3174, 0.3580



64.5222, 0.2789, 0.3153



64.5222, 0.3072, 0.3020

Rectangle

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



64.5222, 0.3478, 0.3411



64.5222, 0.3388, 0.3590



64.5222, 0.2789, 0.3153



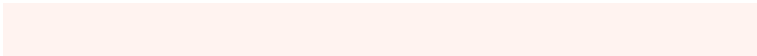
64.5222, 0.2868, 0.2996

Sweetspot

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



64.5251, 0.3478, 0.3411



91.9040, 0.3226, 0.3327



61.2127, 0.3227, 0.2924



19.4893, 0.3237, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

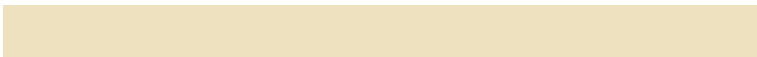
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.5251, 0.3478, 0.3411



71.7126, 0.3571, 0.3439



75.6481, 0.3435, 0.3642



15.6536, 0.3287, 0.3348



11.6588, 0.6085, 0.3550



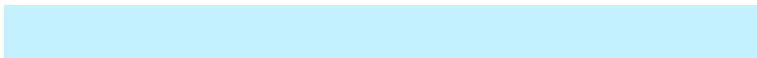
1.0629, 0.5817, 0.3763

Inverse Universe

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



71.6866, 0.2835, 0.3166



81.6927, 0.2773, 0.3136



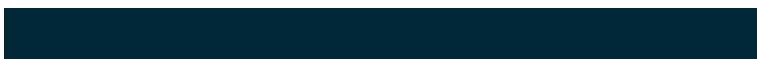
60.4972, 0.2820, 0.2911



16.4601, 0.2981, 0.3231



21.1389, 0.2022, 0.2478



1.8086, 0.2057, 0.2604

Previews

White Background



This preview shows how the Yxy color 64.5222, 0.3478, 0.3411 looks on a white background.

Color Contrast Check

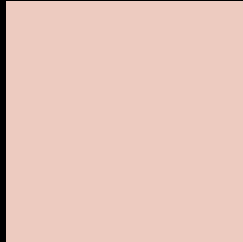
Large Text (above 18pt) WCAG AA × Fail

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 64.5222, 0.3478, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

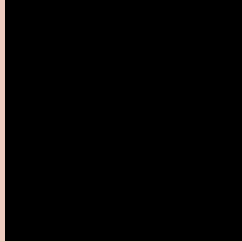
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5222, 0.3478, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 64.5222, 0.3478, 0.3411.

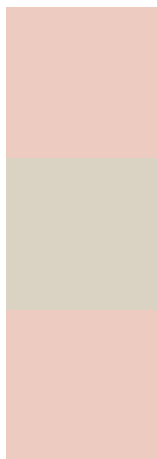


This preview shows how white text looks on a background with the Yxy color 64.5222, 0.3478, 0.3411.

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

64.5222, 0.3478, 0.3411

Protanopia

64.9387, 0.3294, 0.3461

Deuteranopia

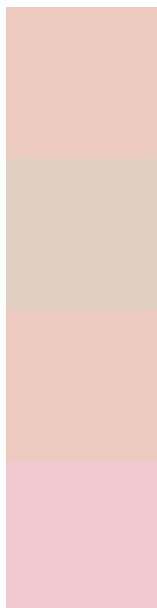
64.5222, 0.3478, 0.3411



Tritanopia

64.7401, 0.3330, 0.3131

Trichromacy



Original Color

64.5222, 0.3478, 0.3411

Protanomaly

64.5282, 0.3360, 0.3436

Deuteranomaly

64.5222, 0.3478, 0.3411

Tritanomaly

64.6290, 0.3382, 0.3226

Monochromacy



Original Color

64.5222, 0.3478, 0.3411

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.3809, 0.3246, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5222, 0.3478, 0.3411 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 192) }
```

Border

The CSS property to change the border of an element to Yxy 64.5222, 0.3478, 0.3411 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, 192) }
```

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

```
.border{ border-color:rgb(237, 203, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 203, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 203, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 203,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5222, 0.3478, 0.3411 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, 192) }
```

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

```
.background{ background-color: rgb(237,  
203, 192) }
```

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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