

Converting Colors

Yxy(64.1642, 0.3144, 0.3245)

Have a look what the booklet for
Yxy(64.1642, 0.3144, 0.3245)
contains.

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Color

Yxy(64.1614, 0.3144, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D6D0D4
RGB	214, 208, 212
RGB Percent	84%, 82%, 83%
CMY	0.1609, 0.1843, 0.1686
CMYK	0.00, 0.03, 0.01, 0.16
HSL	320°, 7%, 83%
HSV	320°, 3%, 84%
XYZ	62.1644, 64.1614, 71.3981
YIQ	210.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

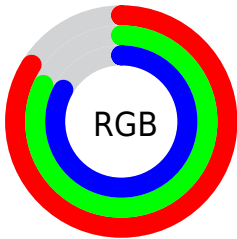
Format	Color
RYB	214, 208, 212
Decimal	14078164
CIELab	84.05, 2.77, -1.26
CIELCh	84, 3.038, 335.575
Yxy	64.1614, 0.3144, 0.3245
Android (android.graphics.Color)	4292268244 (0xFFD6D0D4)
YUV	210.2500, 0.8628, 3.2887
Hunter-Lab	80.1008, -1.6467, 3.2223

Details

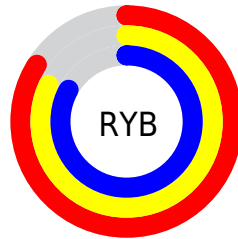
The Yxy color **64.1614, 0.3144, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1412, 0.3111, 0.3335**, and the grayscale version is **64.6138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9165, 0.3149, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **54.0756, 0.3212, 0.3078**, and if you desaturate by 10%, it is **75.6758, 0.3087, 0.3403**.

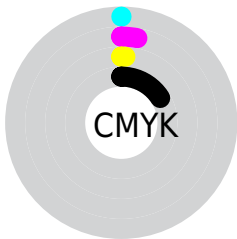
Distribution



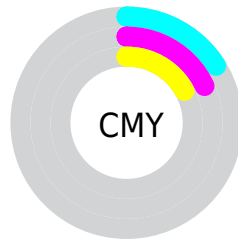
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1614, 0.3144, 0.3245 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 64.1614, 0.3144, 0.3245 by changing the saturation by 10% instead.

■ 64.1614, 0.3144,
0.3245

■ 64.1614, 0.3144,
0.3245

439.7723, 0.3136,
0.3266

■ 46.7814, 0.3146,
0.3240

110.8433, 0.3141,
0.3252

■ 32.8629, 0.3148,
0.3234

140.9141, 0.3140,
0.3255

■ 22.0214, 0.3151,
0.3226

175.9839, 0.3139,
0.3258

■ 13.8726, 0.3155,
0.3215

216.4371, 0.3138,
0.3260

■ 8.0321, 0.3160,
0.3200

262.6582, 0.3138,
0.3262

■ 4.1155, 0.3169,
0.3178

315.0314, 0.3137,

■ 1.7384, 0.3182,

0.3264

0.3142

373.9413, 0.3137,
0.3265

0.4483, 0.3252,
0.2954

0.0000, 0.0000,
0.0000

64.1614, 0.3144,
0.3245

64.1614, 0.3144,
0.3245

54.0756, 0.3212,
0.3078

75.6758, 0.3087,
0.3403

45.3540, 0.3291,
0.2904

88.6635, 0.3040,
0.3551

37.9394, 0.3384,
0.2729

91.7042, 0.3000,
0.3517

31.7675, 0.3491,
0.2558

92.1159, 0.2962,
0.3443

■ 26.7685, 0.3611,
0.2400

■ 92.5439, 0.2924,
0.3369

■ 22.8655, 0.3743,
0.2265

■ 92.9883, 0.2886,
0.3296

■ 19.9724, 0.3884,
0.2165

■ 93.0314, 0.2883,
0.3289

■ 17.9904, 0.4028,
0.2110

■ 16.8003, 0.4171,
0.2105

Harmonies

Analogous

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



64.1614, 0.3105, 0.3227



64.1614, 0.3144, 0.3245



64.1614, 0.3178, 0.3275

Triad

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



64.1614, 0.3144, 0.3245



64.1614, 0.3182, 0.3354



64.1614, 0.3056, 0.3271

Complementary

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



64.1614, 0.3144, 0.3245



66.1412, 0.3111, 0.3335

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.



64.1614, 0.3076, 0.3306



64.1614, 0.3144, 0.3245



64.1614, 0.3149, 0.3354

Square

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



64.1614, 0.3144, 0.3245



64.1614, 0.3200, 0.3338



64.1614, 0.3110, 0.3336



64.1614, 0.3055, 0.3242

Rectangle

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



64.1614, 0.3144, 0.3245



64.1614, 0.3194, 0.3297



64.1614, 0.3110, 0.3336



64.1614, 0.3061, 0.3283

Sweetspot

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



64.1642, 0.3144, 0.3245



98.3298, 0.3133, 0.3274



63.6594, 0.3100, 0.3222



21.0642, 0.3133, 0.3275



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.



64.1642, 0.3144, 0.3245



95.0544, 0.3146, 0.3241



64.0191, 0.3164, 0.3278



13.8301, 0.3150, 0.3229



9.8680, 0.4252, 0.2116



0.6102, 0.4028, 0.1992

Inverse Universe

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



64.1642, 0.3144, 0.3245



95.0544, 0.3146, 0.3241



66.2870, 0.3091, 0.3302



13.8301, 0.3150, 0.3229



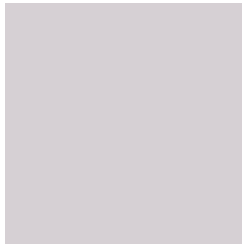
9.8680, 0.4252, 0.2116



0.6102, 0.4028, 0.1992

Previews

White Background



This preview shows how the Yxy color 64.1614, 0.3144, 0.3245 looks on a white background.

Color Contrast Check

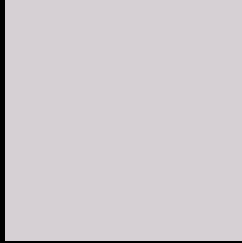
Large Text (above 18pt) WCAG AA × Fail

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 64.1614, 0.3144, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

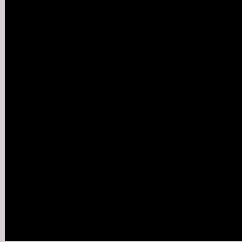
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

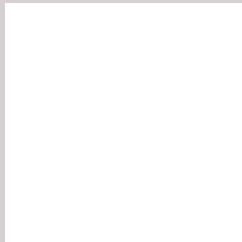
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1614, 0.3144, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 64.1614, 0.3144, 0.3245.

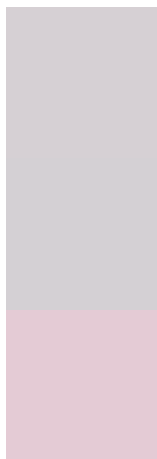


This preview shows how white text looks on a background with the Yxy color 64.1614, 0.3144, 0.3245.

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

64.1614, 0.3144, 0.3245

Protanopia

63.8623, 0.3129, 0.3245

Deuteranopia

64.0099, 0.3248, 0.3181



Tritanopia

64.0693, 0.3084, 0.3101

Trichromacy



Original Color

64.1614, 0.3144, 0.3245

Protanomaly

64.0114, 0.3137, 0.3245

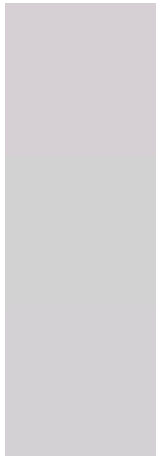
Deuteranomaly

64.1547, 0.3208, 0.3202

Tritanomaly

64.1872, 0.3104, 0.3156

Monochromacy



Original Color

64.1614, 0.3144, 0.3245

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1530, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1614, 0.3144, 0.3245 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(214, 208, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 212)  
}
```

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(214, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 212) }
```

Border

The CSS property to change the border of an element to Yxy 64.1614, 0.3144, 0.3245 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(214, 208, 212) }
```

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

```
.border{ border-color:rgb(214, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1614, 0.3144, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 212) }
```

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

```
.background{ background-color: rgb(214,  
208, 212) }
```

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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