

Converting Colors

Yxy(64.8590, 0.3173, 0.3281)

Have a look what the booklet for
Yxy(64.8590, 0.3173, 0.3281)
contains.

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Color

Yxy(64.8530, 0.3173, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D8D1D2
RGB	216, 209, 210
RGB Percent	85%, 82%, 82%
CMY	0.1528, 0.1804, 0.1765
CMYK	0.00, 0.03, 0.03, 0.15
HSL	352°, 8%, 83%
HSV	352°, 3%, 85%
XYZ	62.7565, 64.8530, 70.1734
YIQ	211.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

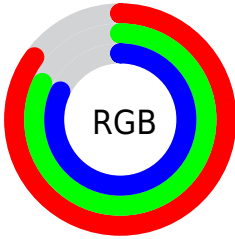
Format	Color
R _{YB}	216, 209, 210
Decimal	14209490
CIE _{Lab}	84.41, 2.60, 0.36
CIE _{LCh}	84, 2.620, 7.913
Yxy	64.8530, 0.3173, 0.3279
Android (android.graphics.Color)	4292399570 (0xFFD8D1D2)
YUV	211.2070, -0.5951, 4.2035
Hunter-Lab	80.5314, -1.8283, 4.7079

Details

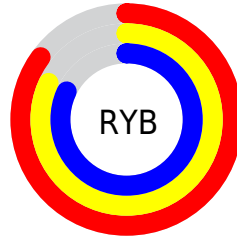
The Yxy color **64.8530, 0.3173, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5893, 0.3083, 0.3301**, and the grayscale version is **65.2907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4201, 0.3177, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **54.0921, 0.3336, 0.3244**, and if you desaturate by 10%, it is **77.1642, 0.3042, 0.3312**.

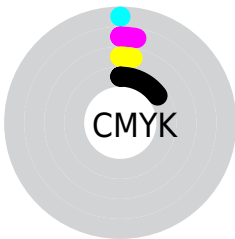
Distribution



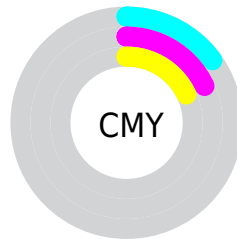
- Red (85%)
- Green (82%)
- Blue (82%)



- Red (85%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8530, 0.3173, 0.3279 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 64.8530, 0.3173, 0.3279 by changing the saturation by 10% instead.

■ 64.8530, 0.3173,
0.3279

■ 64.8530, 0.3173,
0.3279

442.2635, 0.3151,
0.3284

■ 47.3419, 0.3178,
0.3278

111.8385, 0.3165,
0.3281

■ 33.3060, 0.3184,
0.3276

142.0817, 0.3162,
0.3282

■ 22.3610, 0.3193,
0.3274

177.3376, 0.3160,
0.3282

■ 14.1224, 0.3203,
0.3271

217.9908, 0.3158,
0.3283

■ 8.2058, 0.3218,
0.3268

264.4256, 0.3156,
0.3283

■ 4.2269, 0.3241,
0.3262

317.0264, 0.3154,

■ 1.8013, 0.3279,

0.3284

0.3252

376.1776, 0.3153,
0.3284

0.4880, 0.3465,
0.3208

0.0000, 0.0000,
0.0000

64.8530, 0.3173,
0.3279

64.8530, 0.3173,
0.3279

54.0921, 0.3336,
0.3244

77.1642, 0.3042,
0.3312

44.8119, 0.3538,
0.3206

91.0749, 0.2936,
0.3342

36.9501, 0.3788,
0.3168

93.3431, 0.2894,
0.3289

30.4366, 0.4093,
0.3132

■ 25.1956, 0.4456,
0.3102

■ 21.1434, 0.4870,
0.3084

■ 18.1866, 0.5308,
0.3087

■ 16.2175, 0.5726,
0.3114

■ 15.1065, 0.6064,
0.3167

Harmonies

Analogous

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



64.8530, 0.3144, 0.3253



64.8530, 0.3173, 0.3279



64.8530, 0.3190, 0.3308

Triad

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



64.8530, 0.3173, 0.3279



64.8530, 0.3143, 0.3344



64.8530, 0.3066, 0.3248

Complementary

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



64.8530, 0.3173, 0.3279



67.5893, 0.3083, 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.



64.8530, 0.3065, 0.3272



64.8530, 0.3173, 0.3279



64.8530, 0.3110, 0.3328

Square

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



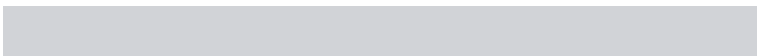
64.8530, 0.3173, 0.3279



64.8530, 0.3172, 0.3346



64.8530, 0.3082, 0.3301



64.8530, 0.3082, 0.3235

Rectangle

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



64.8530, 0.3173, 0.3279



64.8530, 0.3191, 0.3325



64.8530, 0.3082, 0.3301



64.8530, 0.3064, 0.3255

Sweetspot

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



64.8558, 0.3173, 0.3279



98.2434, 0.3141, 0.3287



65.0025, 0.3123, 0.3211



21.0466, 0.3140, 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.



64.8558, 0.3173, 0.3279



93.1121, 0.3185, 0.3276



66.0233, 0.3178, 0.3318



13.5539, 0.3195, 0.3274



8.7071, 0.6203, 0.3191



0.5345, 0.5796, 0.2966

Inverse Universe

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



64.8558, 0.3173, 0.3279



93.1121, 0.3185, 0.3276



66.3888, 0.3077, 0.3262



13.5539, 0.3195, 0.3274



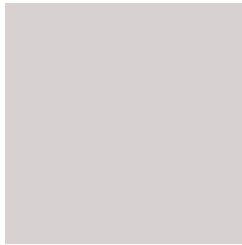
8.7071, 0.6203, 0.3191



0.5345, 0.5796, 0.2966

Previews

White Background



This preview shows how the Yxy color 64.8530, 0.3173, 0.3279 looks on a white background.

Color Contrast Check

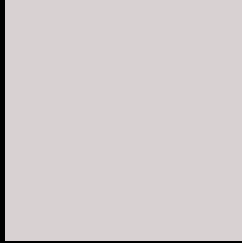
Large Text (above 18pt) WCAG AA × Fail

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 64.8530, 0.3173, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

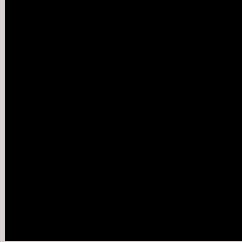
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

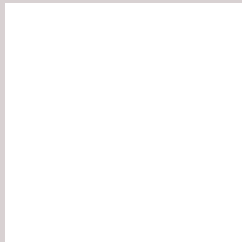
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8530, 0.3173, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 64.8530, 0.3173, 0.3279.

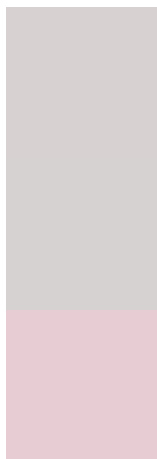


This preview shows how white text looks on a background with the Yxy color 64.8530, 0.3173, 0.3279.

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

64.8530, 0.3173, 0.3279

Protanopia

65.0425, 0.3157, 0.3290

Deuteranopia

64.8778, 0.3285, 0.3214



Tritanopia

64.8588, 0.3098, 0.3113

Trichromacy



Original Color

64.8530, 0.3173, 0.3279

Protanomaly

65.1934, 0.3164, 0.3290

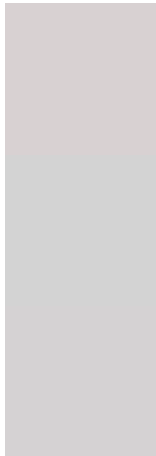
Deuteranomaly

65.0145, 0.3244, 0.3235

Tritanomaly

64.9254, 0.3125, 0.3179

Monochromacy



Original Color

64.8530, 0.3173, 0.3279

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9425, 0.3143, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8530, 0.3173, 0.3279 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(216, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 209, 210)  
}
```

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(216, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 64.8530, 0.3173, 0.3279 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(216, 209, 210) }
```

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

```
.border{ border-color:rgb(216, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 209, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 209, 210); box-shadow:4px 4px 4px 4px rgb(216, 209, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8530, 0.3173, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 209, 210) }
```

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

```
.background{ background-color: rgb(216,  
209, 210) }
```

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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