

Converting Colors

Yxy(60.6058, 0.3060, 0.3167)

Have a look what the booklet for
Yxy(60.6058, 0.3060, 0.3167)
contains.

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Color

Yxy(60.4043, 0.3057, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	CCCBD6
RGB	204, 203, 214
RGB Percent	80%, 80%, 84%
CMY	0.2003, 0.2038, 0.1609
CMYK	0.05, 0.05, 0.00, 0.16
HSL	245°, 12%, 82%
HSV	245°, 5%, 84%
XYZ	58.3800, 60.4043, 72.1872
YIQ	204.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

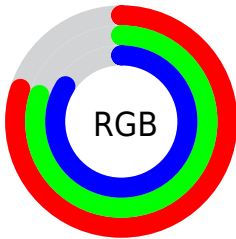
Format	Color
R _Y B	204, 203, 214
Decimal	13421526
CIE Lab	82.06, 2.36, -5.33
CIE LCh	82, 5.828, 293.897
Yxy	60.4043, 0.3057, 0.3163
Android (android.graphics.Color)	4291611606 (0xFFCCCB D6)
YUV	204.5530, 4.6574, -0.4850
Hunter-Lab	77.7202, -1.9290, -0.6650

Details

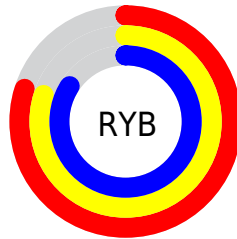
The Yxy color **60.4043, 0.3057, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5538, 0.3195, 0.3414**, and the grayscale version is **60.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4821, 0.3044, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **48.3872, 0.2905, 0.2891**, and if you desaturate by 10%, it is **74.1708, 0.3189, 0.3403**.

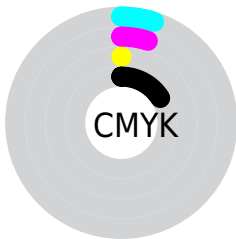
Distribution



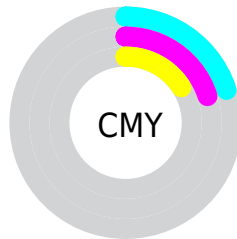
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4043, 0.3057, 0.3163 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 60.4043, 0.3057, 0.3163 by changing the saturation by 10% instead.

■ 60.4043, 0.3057,
0.3163

■ 60.4043, 0.3057,
0.3163

426.0864, 0.3091,
0.3224

■ 43.7446, 0.3049,
0.3149

105.4159, 0.3069,
0.3184

■ 30.4698, 0.3039,
0.3131

134.5367, 0.3074,
0.3193

■ 20.1954, 0.3026,
0.3108

168.5798, 0.3077,
0.3200

■ 12.5372, 0.3008,
0.3077

207.9299, 0.3081,
0.3206

■ 7.1106, 0.2983,
0.3034

252.9711, 0.3084,
0.3211

■ 3.5314, 0.2945,
0.2969

304.0881, 0.3086,

■ 1.4150, 0.2880,

0.3216

0.2860

361.6650, 0.3089,
0.3220

0.2278, 0.2442,
0.2029

0.0000, 0.0000,
0.0000

60.4043, 0.3057,
0.3163

60.4043, 0.3057,
0.3163

48.3872, 0.2905,
0.2891

74.1708, 0.3189,
0.3403

38.0420, 0.2733,
0.2587

89.7447, 0.3303,
0.3613

29.2969, 0.2544,
0.2256

97.6341, 0.3370,
0.3691

22.0718, 0.2342,
0.1910

■ 16.2799, 0.2137,
0.1564

■ 11.8254, 0.1941,
0.1242

■ 8.6008, 0.1770,
0.0969

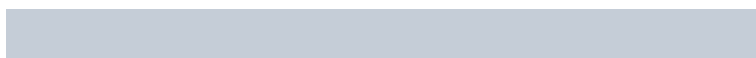
■ 6.4820, 0.1637,
0.0768

■ 5.3185, 0.1550,
0.0649

Harmonies

Analogous

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



60.4043, 0.3003, 0.3174



60.4043, 0.3057, 0.3163



60.4043, 0.3130, 0.3186

Triad

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



60.4043, 0.3057, 0.3163



60.4043, 0.3274, 0.3362



60.4043, 0.3051, 0.3346

Complementary

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



60.4043, 0.3057, 0.3163



66.5538, 0.3195, 0.3414

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.



60.4043, 0.3123, 0.3398



60.4043, 0.3057, 0.3163



60.4043, 0.3252, 0.3407

Square

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



60.4043, 0.3057, 0.3163



60.4043, 0.3256, 0.3300



60.4043, 0.3197, 0.3420



60.4043, 0.3000, 0.3279

Rectangle

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



60.4043, 0.3057, 0.3163



60.4043, 0.3180, 0.3216



60.4043, 0.3197, 0.3420



60.4043, 0.3074, 0.3366

Sweetspot

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



60.4069, 0.3057, 0.3163



95.9129, 0.3100, 0.3241



65.2693, 0.3048, 0.3281



20.5721, 0.3101, 0.3243



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.



60.4069, 0.3057, 0.3163



88.0592, 0.3044, 0.3139



61.1681, 0.3097, 0.3165



12.8242, 0.3036, 0.3125



3.0294, 0.1529, 0.0616



0.2002, 0.1614, 0.0663

Inverse Universe

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



61.8256, 0.3139, 0.3176



90.5422, 0.3142, 0.3155



65.7739, 0.3156, 0.3416



13.2209, 0.3143, 0.3143



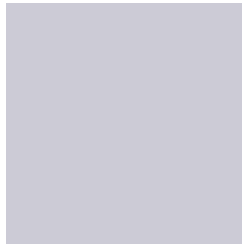
11.0641, 0.3428, 0.1662



0.6727, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 60.4043, 0.3057, 0.3163 looks on a white background.

Color Contrast Check

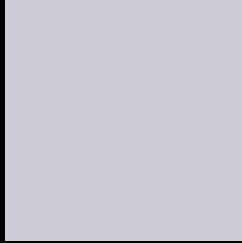
Large Text (above 18pt) WCAG AA × Fail

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 60.4043, 0.3057, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

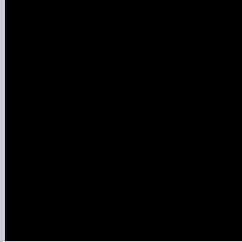
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

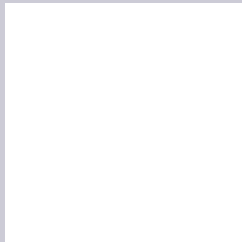
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4043, 0.3057, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 60.4043, 0.3057, 0.3163.

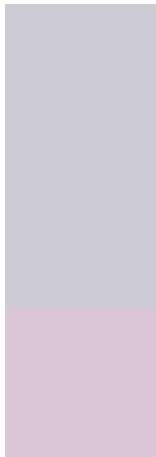


This preview shows how white text looks on a background with the Yxy color 60.4043, 0.3057, 0.3163.

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

60.4043, 0.3057, 0.3163

Protanopia

60.5460, 0.3065, 0.3163

Deuteranopia

60.3545, 0.3167, 0.3100



Tritanopia

60.2822, 0.3037, 0.3106

Trichromacy



Original Color

60.4043, 0.3057, 0.3163

Protanomaly

60.5460, 0.3065, 0.3163

Deuteranomaly

60.5110, 0.3127, 0.3120

Tritanomaly

60.2299, 0.3044, 0.3117

Monochromacy



Original Color

60.4043, 0.3057, 0.3163

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7189, 0.3107, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4043, 0.3057, 0.3163 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(204, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 214)  
}
```

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(204, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.4043, 0.3057, 0.3163 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(204, 203, 214) }
```

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

```
.border{ border-color:rgb(204, 203, 214) }
```

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

Here you see how a box with a 4 pixel rgb(204, 203, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4043, 0.3057, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 214) }
```

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

```
.background{ background-color: rgb(204,  
203, 214) }
```

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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