

Converting Colors

$Y_{xy}(50.6940, 0.3061, 0.3236)$

Have a look what the booklet for
Yxy(50.6940, 0.3061, 0.3236)
contains.

Yxy(50.6045, 0.3057, 0.3227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6045, 0.3057, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	B9BDC2
RGB	185, 189, 194
RGB Percent	73%, 74%, 76%
CMY	0.2746, 0.2588, 0.2393
CMYK	0.05, 0.03, 0.00, 0.24
HSL	213°, 7%, 74%
HSV	213°, 5%, 76%
XYZ	47.9386, 50.6045, 58.2728
YIQ	188.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

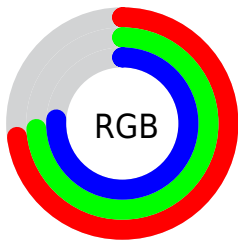
Format	Color
R _Y B	185, 188, 194
Decimal	12172738
CIE Lab	76.44, -0.44, -3.00
CIE LCh	76, 3.035, 261.649
Yxy	50.6045, 0.3057, 0.3227
Android (android.graphics.Color)	4290362818 (0xFFB9BDC2)
YUV	188.3740, 2.7736, -2.9590
Hunter-Lab	71.1368, -4.1995, 1.2275

Details

The Yxy color **50.6045, 0.3057, 0.3227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7809, 0.3198, 0.3352**, and the grayscale version is **50.4982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9077, 0.3072, 0.3240**, and **24.4073, 0.3043, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **43.9113, 0.2900, 0.3079**, and if you desaturate by 10%, it is **57.9725, 0.3206, 0.3358**.

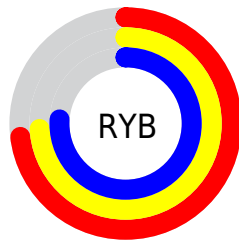
Distribution



Red (73%)

Green (74%)

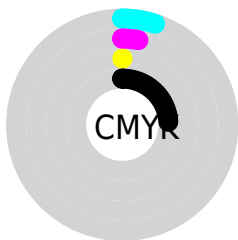
Blue (76%)



Red (73%)

Yellow (74%)

Blue (76%)

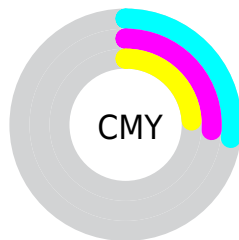


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6045, 0.3057, 0.3227 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 50.6045, 0.3057, 0.3227 by changing the saturation by 10% instead.

■ 50.6045, 0.3057,
0.3227

■ 50.6045, 0.3057,
0.3227

389.0252, 0.3092,
0.3258

■ 35.8939, 0.3049,
0.3219

■ 91.0699, 0.3069,
0.3238

■ 24.3523, 0.3038,
0.3210

117.5935, 0.3074,
0.3242

■ 15.5952, 0.3023,
0.3197

148.8236, 0.3078,
0.3246

■ 9.2381, 0.3004,
0.3179

185.1446, 0.3082,
0.3249

■ 4.8968, 0.2975,
0.3153

226.9409, 0.3085,
0.3252

■ 2.1869, 0.2928,
0.3110

274.5968, 0.3087,

■ 0.7128, 0.2818,

0.3254

0.3013

328.4968, 0.3090,
0.3256

0.0000, 0.0000,
0.0000

50.6045, 0.3057,
0.3227

50.6045, 0.3057,
0.3227

43.9113, 0.2900,
0.3079

57.9725, 0.3206,
0.3358

37.8657, 0.2737,
0.2915

66.0283, 0.3345,
0.3475

32.4483, 0.2570,
0.2735

74.7930, 0.3475,
0.3577

27.6360, 0.2404,
0.2541

82.8182, 0.3540,
0.3674

23.4041, 0.2242,
0.2335

89.0388, 0.3516,
0.3776

■ 19.7258, 0.2092,
0.2121

■ 95.6342, 0.3493,
0.3875

■ 16.5719, 0.1958,
0.1906

■ 96.6746, 0.3490,
0.3890

■ 13.9094, 0.1847,
0.1697

■ 11.6998, 0.1761,
0.1500

Harmonies

Analogous

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



50.6045, 0.3047, 0.3252



50.6045, 0.3057, 0.3227



50.6045, 0.3086, 0.3219

Triad

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



50.6045, 0.3057, 0.3227



50.6045, 0.3197, 0.3293



50.6045, 0.3128, 0.3351

Complementary

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



50.6045, 0.3057, 0.3227



51.7809, 0.3198, 0.3352

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.



50.6045, 0.3169, 0.3362



50.6045, 0.3057, 0.3227



50.6045, 0.3208, 0.3328

Square

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



50.6045, 0.3057, 0.3227



50.6045, 0.3167, 0.3257



50.6045, 0.3198, 0.3353



50.6045, 0.3088, 0.3323

Rectangle

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



50.6045, 0.3057, 0.3227



50.6045, 0.3112, 0.3225



50.6045, 0.3198, 0.3353



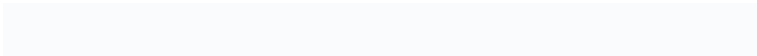
50.6045, 0.3142, 0.3357

Sweetspot

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



50.6067, 0.3057, 0.3227



96.3953, 0.3112, 0.3277



52.6061, 0.3085, 0.3341



21.1240, 0.3113, 0.3277



0.0000, 0.0000, 0.0000



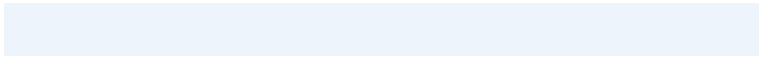
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6067, 0.3057, 0.3227



89.8604, 0.3035, 0.3207



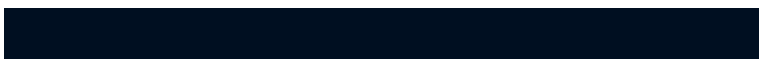
48.9544, 0.3062, 0.3176



10.8958, 0.3028, 0.3200



7.1736, 0.1729, 0.1424



0.4473, 0.1850, 0.1860

Inverse Universe

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



49.8339, 0.3171, 0.3240



88.0598, 0.3186, 0.3224



53.4893, 0.3191, 0.3402



10.6610, 0.3191, 0.3219



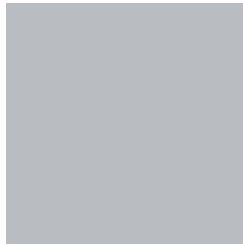
8.0064, 0.5158, 0.2615



0.3598, 0.4614, 0.2316

Previews

White Background



This preview shows how the Yxy color 50.6045, 0.3057, 0.3227 looks on a white background.

Color Contrast Check

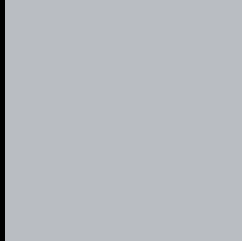
Large Text (above 18pt) WCAG AA × Fail

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 50.6045, 0.3057, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

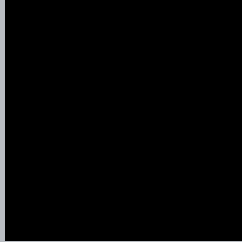
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

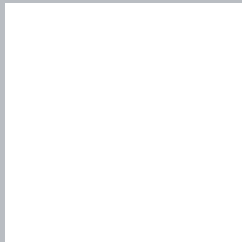
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6045, 0.3057, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 50.6045, 0.3057, 0.3227.



This preview shows how white text looks on a background with the Yxy color 50.6045, 0.3057, 0.3227.

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

50.6045, 0.3057, 0.3227

Protanopia

50.3381, 0.3106, 0.3215

Deuteranopia

50.6445, 0.3210, 0.3145



Tritanopia

50.7173, 0.2999, 0.3103

Trichromacy



Original Color

50.6045, 0.3057, 0.3227

Protanomaly

50.5081, 0.3089, 0.3227

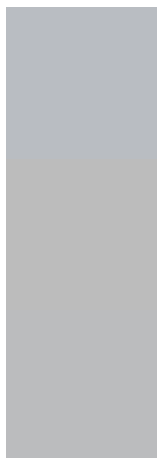
Deuteranomaly

50.5084, 0.3150, 0.3167

Tritanomaly

50.5757, 0.3021, 0.3140

Monochromacy



Original Color

50.6045, 0.3057, 0.3227

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2489, 0.3104, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6045, 0.3057, 0.3227 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(185, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 194)  
}
```

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(185, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.6045, 0.3057, 0.3227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

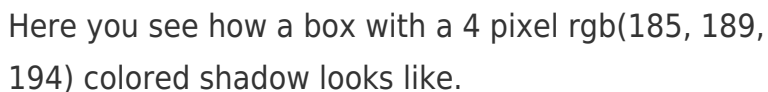
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 189, 194) }
```

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

```
.border{ border-color:rgb(185, 189, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 189, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 189, 194); box-shadow:4px 4px 4px 4px rgb(185, 189, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6045, 0.3057, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 189, 194) }
```

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

```
.background{ background-color: rgb(185,  
189, 194) }
```

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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