

Converting Colors

$Y_{xy}(57.0389, 0.3005, 0.3260)$

Have a look what the booklet for
Yxy(57.0389, 0.3005, 0.3260)
contains.

Yxy(57.2921, 0.3007, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2921, 0.3007, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BCCACC
RGB	188, 202, 204
RGB Percent	74%, 79%, 80%
CMY	0.2626, 0.2079, 0.1999
CMYK	0.08, 0.01, 0.00, 0.20
HSL	188°, 14%, 77%
HSV	188°, 8%, 80%
XYZ	52.7649, 57.2921, 65.4165
YIQ	198.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

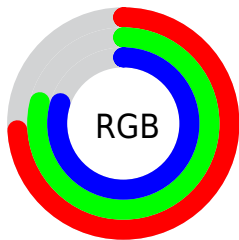
Format	Color
RYB	188, 195, 204
Decimal	12372684
CIELab	80.34, -4.34, -2.65
CIELCh	80, 5.086, 211.422
Yxy	57.2921, 0.3007, 0.3265
Android (android.graphics.Color)	4290562764 (0xFFBCCACC)
YUV	198.0420, 2.9373, -8.8068
Hunter-Lab	75.6915, -8.0271, 1.7426

Details

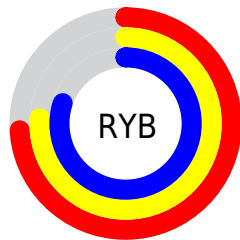
The Yxy color $57.2921, 0.3007, 0.3265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3209, 0.3258, 0.3315$, and the grayscale version is $56.4889, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9731, 0.3060, 0.3290$, and $28.5327, 0.2978, 0.3257$ is the 20% darker color. If you saturate the color by 10%, you get $53.6817, 0.2858, 0.3231$, and if you desaturate by 10%, it is $61.2940, 0.3161, 0.3297$.

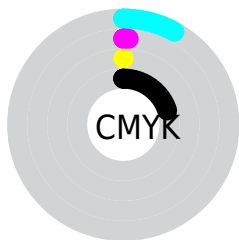
Distribution



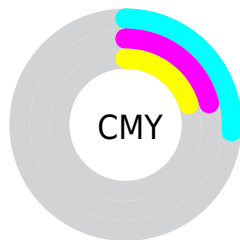
- Red (74%)
- Green (79%)
- Blue (80%)



- Red (74%)
- Yellow (76%)
- Blue (80%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)




- Cyan (26%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2921, 0.3007, 0.3265 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 57.2921, 0.3007, 0.3265 by changing the saturation by 10% instead.

 57.2921, 0.3007,
0.3265

 57.2921, 0.3007,
0.3265

414.5429, 0.3065,
0.3277

 41.2398, 0.2993,
0.3262


 100.8913, 0.3028,
0.3269

 28.5065, 0.2976,
0.3258


129.2069, 0.3035,
0.3271

 18.7078, 0.2953,
0.3253


162.3792, 0.3042,
0.3273

 11.4593, 0.2923,
0.3246


200.7924, 0.3048,
0.3274

 6.3767, 0.2879,
0.3235

244.8310, 0.3053,
0.3275

 3.0755, 0.2812,
0.3219

294.8794, 0.3057,

 1.1713, 0.2696,

0.3276

0.3188

351.3219, 0.3061,
0.3277

0.0380, 0.0000,
0.1436

0.0000, 0.0000,
0.0000

57.2921, 0.3007,
0.3265

57.2921, 0.3007,
0.3265

53.6817, 0.2858,
0.3231

61.2940, 0.3161,
0.3297

50.4400, 0.2716,
0.3193

65.6945, 0.3316,
0.3325

47.5531, 0.2585,
0.3154

70.5098, 0.3470,
0.3351

45.0032, 0.2467,
0.3112

72.8709, 0.3510,
0.3376

■ 42.7710, 0.2364,
0.3069

■ 74.1751, 0.3505,
0.3402

■ 40.8348, 0.2280,
0.3024

■ 75.5001, 0.3500,
0.3428

■ 39.1705, 0.2215,
0.2980

■ 76.8458, 0.3495,
0.3454

■ 37.7495, 0.2169,
0.2936

■ 78.2126, 0.3490,
0.3480

■ 36.5306, 0.2140,
0.2892

■ 79.6004, 0.3485,
0.3506

Harmonies

Analogous

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



57.2921, 0.3046, 0.3325



57.2921, 0.3007, 0.3265



57.2921, 0.3000, 0.3212

Triad

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



57.2921, 0.3007, 0.3265



57.2921, 0.3147, 0.3206



57.2921, 0.3228, 0.3400

Complementary

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



57.2921, 0.3007, 0.3265



53.3209, 0.3258, 0.3315

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.



57.2921, 0.3256, 0.3366



57.2921, 0.3007, 0.3265



57.2921, 0.3209, 0.3255

Square

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



57.2921, 0.3007, 0.3265



57.2921, 0.3080, 0.3179



57.2921, 0.3249, 0.3313



57.2921, 0.3173, 0.3404

Rectangle

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



57.2921, 0.3007, 0.3265



57.2921, 0.3014, 0.3189



57.2921, 0.3249, 0.3313



57.2921, 0.3241, 0.3391

Sweetspot

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



57.2945, 0.3007, 0.3265



98.6343, 0.3096, 0.3284



57.6033, 0.3105, 0.3464



21.1262, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



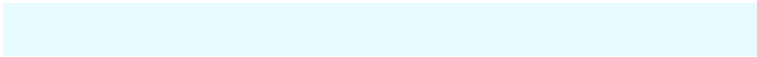
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2945, 0.3007, 0.3265



94.0646, 0.2988, 0.3261



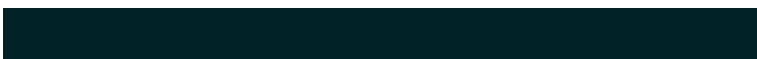
53.7087, 0.3007, 0.3169



12.4753, 0.2983, 0.3260



22.9243, 0.2136, 0.2889



1.2521, 0.2160, 0.2974

Inverse Universe

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



53.0817, 0.3152, 0.3124



86.0357, 0.3156, 0.3096



56.8099, 0.3249, 0.3409



11.3784, 0.3157, 0.3090



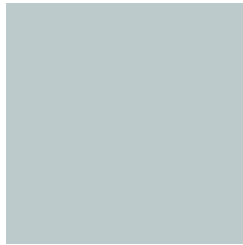
10.1172, 0.3554, 0.1731



0.5289, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 57.2921, 0.3007, 0.3265 looks on a white background.

Color Contrast Check

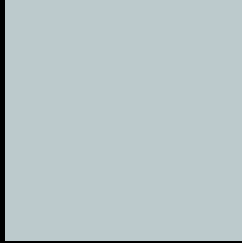
Large Text (above 18pt) WCAG AA × Fail

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 57.2921, 0.3007, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

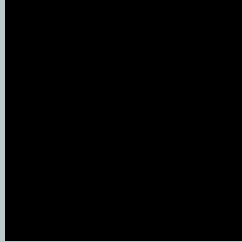
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

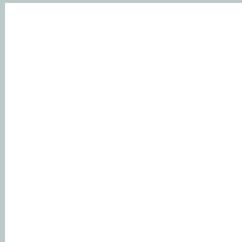
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2921, 0.3007, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 57.2921, 0.3007, 0.3265.



This preview shows how white text looks on a background with the Yxy color 57.2921, 0.3007, 0.3265.

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

57.2921, 0.3007, 0.3265

Protanopia

57.2090, 0.3129, 0.3243

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.2136, 0.2940, 0.3099

Trichromacy



Original Color

57.2921, 0.3007, 0.3265

Protanomaly

57.0290, 0.3083, 0.3242

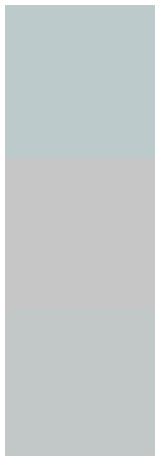
Deuteranomaly

56.8668, 0.3132, 0.3184

Tritanomaly

57.3456, 0.2960, 0.3157

Monochromacy



Original Color

57.2921, 0.3007, 0.3265

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4863, 0.3081, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2921, 0.3007, 0.3265 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(188, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 204)  
}
```

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(188, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.2921, 0.3007, 0.3265 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(188, 202, 204) }
```

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

```
.border{ border-color:rgb(188, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2921, 0.3007, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 204) }
```

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

```
.background{ background-color: rgb(188,  
202, 204) }
```

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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