

Converting Colors

Yxy(50.7051, 0.3034, 0.3114)

Have a look what the booklet for
Yxy(50.7051, 0.3034, 0.3114)
contains.

Yxy(50.5765, 0.3038, 0.3116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.5765, 0.3038, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBC9
RGB	189, 187, 201
RGB Percent	74%, 73%, 79%
CMY	0.2586, 0.2667, 0.2117
CMYK	0.06, 0.07, 0.00, 0.21
HSL	249°, 11%, 76%
HSV	249°, 7%, 79%
XYZ	49.3105, 50.5765, 62.4253
YIQ	189.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

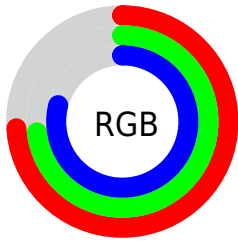
Format	Color
RYB	189, 187, 201
Decimal	12434377
CIELab	76.42, 3.39, -6.80
CIELCh	76, 7.600, 296.519
Yxy	50.5765, 0.3038, 0.3116
Android (android.graphics.Color)	4290624457 (0xFFBDBBC9)
YUV	189.1940, 5.8204, -0.1701
Hunter-Lab	71.1172, -0.6886, -2.2616

Details

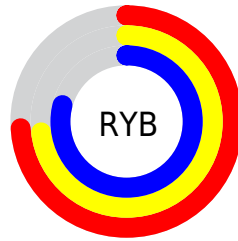
The Yxy color **50.5765, 0.3038, 0.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4970, 0.3213, 0.3460**, and the grayscale version is **50.9788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7337, 0.3069, 0.3173**, and **24.3910, 0.3016, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **40.5758, 0.2894, 0.2841**, and if you desaturate by 10%, it is **62.0339, 0.3163, 0.3361**.

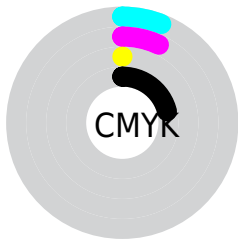
Distribution



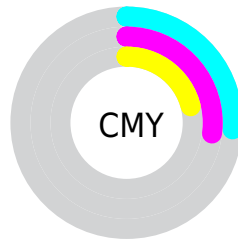
- Red (74%)
- Green (73%)
- Blue (79%)



- Red (74%)
- Yellow (73%)
- Blue (79%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5765, 0.3038, 0.3116 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 50.5765, 0.3038, 0.3116 by changing the saturation by 10% instead.

■ 50.5765, 0.3038,
0.3116

■ 50.5765, 0.3038,
0.3116

388.9161, 0.3082,
0.3201

■ 35.8717, 0.3027,
0.3095

■ 91.0285, 0.3054,
0.3147

■ 24.3351, 0.3013,
0.3069

117.5444, 0.3060,
0.3158

■ 15.5824, 0.2995,
0.3034

148.7662, 0.3065,
0.3168

■ 9.2291, 0.2969,
0.2987

185.0781, 0.3069,
0.3176

■ 4.8909, 0.2932,
0.2919

226.8647, 0.3073,
0.3184

■ 2.1834, 0.2871,
0.2811

274.5103, 0.3077,

■ 0.7109, 0.2760,

0.3190

0.2587

328.3993, 0.3080,
0.3196

0.0000, 0.0000,
0.0000

50.5765, 0.3038,
0.3116

50.5765, 0.3038,
0.3116

40.5758, 0.2894,
0.2841

62.0339, 0.3163,
0.3361

31.9671, 0.2732,
0.2537

74.9965, 0.3271,
0.3576

24.6903, 0.2552,
0.2210

89.5186, 0.3363,
0.3764

18.6784, 0.2361,
0.1870

96.9974, 0.3448,
0.3820

13.8587, 0.2165,
0.1534

■ 10.1508, 0.1976,
0.1225

■ 7.4646, 0.1808,
0.0964

■ 5.6952, 0.1673,
0.0772

■ 4.7050, 0.1579,
0.0657

Harmonies

Analogous

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



50.5765, 0.2961, 0.3126



50.5765, 0.3038, 0.3116



50.5765, 0.3140, 0.3151

Triad

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



50.5765, 0.3038, 0.3116



50.5765, 0.3331, 0.3396



50.5765, 0.3014, 0.3360

Complementary

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



50.5765, 0.3038, 0.3116



57.4970, 0.3213, 0.3460

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.



50.5765, 0.3112, 0.3435



50.5765, 0.3038, 0.3116



50.5765, 0.3295, 0.3455

Square

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



50.5765, 0.3038, 0.3116



50.5765, 0.3310, 0.3310



50.5765, 0.3215, 0.3470



50.5765, 0.2947, 0.3265

Rectangle

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



50.5765, 0.3038, 0.3116



50.5765, 0.3209, 0.3195



50.5765, 0.3215, 0.3470



50.5765, 0.3044, 0.3388

Sweetspot

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



50.5786, 0.3038, 0.3116



95.9741, 0.3102, 0.3241



55.6907, 0.3020, 0.3267



20.5846, 0.3103, 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.



50.5786, 0.3038, 0.3116



84.5187, 0.3023, 0.3086



51.4700, 0.3093, 0.3119



10.3615, 0.3005, 0.3053



2.8474, 0.1565, 0.0636



0.1596, 0.1731, 0.0727

Inverse Universe

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



52.0738, 0.3151, 0.3146



87.4751, 0.3155, 0.3122



56.5870, 0.3159, 0.3463



10.7886, 0.3160, 0.3095



9.6737, 0.3618, 0.1767



0.4656, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 50.5765, 0.3038, 0.3116 looks on a white background.

Color Contrast Check

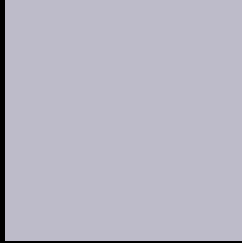
Large Text (above 18pt) WCAG AA × Fail

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 50.5765, 0.3038, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

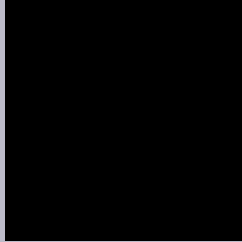
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

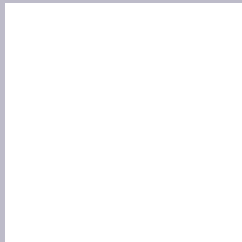
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5765, 0.3038, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 50.5765, 0.3038, 0.3116.

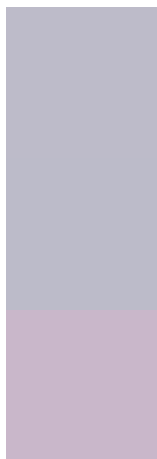


This preview shows how white text looks on a background with the Yxy color 50.5765, 0.3038, 0.3116.

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

50.5765, 0.3038, 0.3116

Protanopia

50.4491, 0.3030, 0.3116

Deuteranopia

50.5487, 0.3130, 0.3061



Tritanopia

50.6237, 0.3030, 0.3104

Trichromacy



Original Color

50.5765, 0.3038, 0.3116

Protanomaly

50.4491, 0.3030, 0.3116

Deuteranomaly

50.4156, 0.3096, 0.3071

Tritanomaly

50.6237, 0.3030, 0.3104

Monochromacy



Original Color

50.5765, 0.3038, 0.3116

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6355, 0.3097, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5765, 0.3038, 0.3116 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(189, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 201)  
}
```

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(189, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 201) }
```

Border

The CSS property to change the border of an element to Yxy 50.5765, 0.3038, 0.3116 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(189, 187, 201) }
```

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

```
.border{ border-color:rgb(189, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5765, 0.3038, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 201) }
```

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

```
.background{ background-color: rgb(189,  
187, 201) }
```

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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