

Converting Colors

$Y_{xy}(50.3280, 0.3033, 0.3018)$

Have a look what the booklet for
Yxy(50.3280, 0.3033, 0.3018)
contains.

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Color

Yxy(50.2553, 0.3034, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8CF
RGB	194, 184, 207
RGB Percent	76%, 72%, 81%
CMY	0.2391, 0.2784, 0.1883
CMYK	0.06, 0.11, 0.00, 0.19
HSL	266°, 19%, 77%
HSV	266°, 11%, 81%
XYZ	50.6560, 50.2553, 66.0498
YIQ	189.6120, -1.4230, 9.2730

Conversions

Conversions Part 2

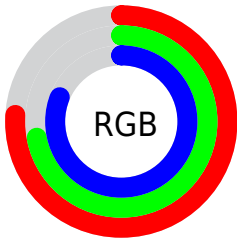
Format	Color
RYB	194, 184, 207
Decimal	12761295
CIELab	76.23, 7.86, -10.29
CIElCh	76, 12.952, 307.364
Yxy	50.2553, 0.3034, 0.3010
Android (android.graphics.Color)	4290951375 (0xFFC2B8CF)
YUV	189.6120, 8.5723, 3.8483
Hunter-Lab	70.8910, 3.4901, -5.6174

Details

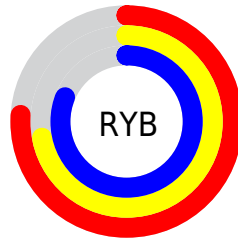
The Yxy color `50.2553, 0.3034, 0.3010` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.9400, 0.3213, 0.3568`, and the grayscale version is `51.2114, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.0494, 0.3108, 0.3145`, and `24.1080, 0.3000, 0.2930` is the 20% darker color. If you saturate the color by 10%, you get `40.7957, 0.2936, 0.2735`, and if you desaturate by 10%, it is `61.0983, 0.3119, 0.3263`.

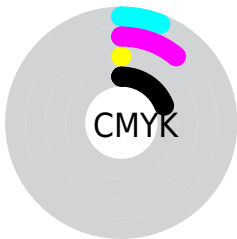
Distribution



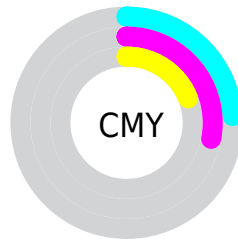
- Red (76%)
- Green (72%)
- Blue (81%)



- Red (76%)
- Yellow (72%)
- Blue (81%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)





- Cyan (24%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2553, 0.3034, 0.3010 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 50.2553, 0.3034, 0.3010 by changing the saturation by 10% instead.


 50.2553, 0.3034,
0.3010

 50.2553, 0.3034,
0.3010

387.6635, 0.3081,
0.3146

 35.6163, 0.3022,
0.2977


 90.5530, 0.3051,
0.3058

 24.1380, 0.3007,
0.2936


116.9805, 0.3057,
0.3077

 15.4360, 0.2987,
0.2882


148.1063, 0.3063,
0.3093

 9.1260, 0.2959,
0.2809

184.3148, 0.3067,
0.3106

 4.8234, 0.2918,
0.2704

225.9904, 0.3071,
0.3118

 2.1440, 0.2850,
0.2542

273.5174, 0.3075,

 0.6892, 0.2732,

0.3129

0.2223

327.2803, 0.3078,
0.3138

0.0000, 0.0000,
0.0000

50.2553, 0.3034,
0.3010

50.2553, 0.3034,
0.3010

40.7957, 0.2936,
0.2735

61.0983, 0.3119,
0.3263

32.6558, 0.2823,
0.2442

73.3721, 0.3190,
0.3493

25.7767, 0.2697,
0.2138

87.1296, 0.3251,
0.3700

20.0920, 0.2560,
0.1834

94.6656, 0.3317,
0.3775

15.5293, 0.2415,
0.1544

96.7793, 0.3394,
0.3763

■ 12.0080, 0.2268,
0.1285

■ 97.2841, 0.3412,
0.3761

■ 9.4360, 0.2128,
0.1072

■ 7.7045, 0.2000,
0.0916

■ 6.6988, 0.1899,
0.0820

Harmonies

Analogous

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



50.2553, 0.2884, 0.2997



50.2553, 0.3034, 0.3010



50.2553, 0.3213, 0.3093

Triad

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



50.2553, 0.3034, 0.3010



50.2553, 0.3465, 0.3511



50.2553, 0.2886, 0.3351

Complementary

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



50.2553, 0.3034, 0.3010



59.9400, 0.3213, 0.3568

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.



50.2553, 0.3036, 0.3500



50.2553, 0.3034, 0.3010



50.2553, 0.3371, 0.3592

Square

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



50.2553, 0.3034, 0.3010



50.2553, 0.3465, 0.3377



50.2553, 0.3213, 0.3589



50.2553, 0.2801, 0.3188

Rectangle

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



50.2553, 0.3034, 0.3010



50.2553, 0.3324, 0.3177



50.2553, 0.3213, 0.3589



50.2553, 0.2930, 0.3404

Sweetspot

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



50.2574, 0.3034, 0.3010



94.4078, 0.3103, 0.3216



54.6361, 0.2956, 0.3167



19.8949, 0.3097, 0.3196



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.



50.2574, 0.3034, 0.3010



77.2725, 0.3015, 0.2955



51.8264, 0.3127, 0.3018



11.6667, 0.3049, 0.3054



4.2752, 0.1913, 0.0828



0.2856, 0.2122, 0.0943

Inverse Universe

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



51.5704, 0.3219, 0.3136



79.7451, 0.3238, 0.3106



58.4577, 0.3125, 0.3576



11.9182, 0.3204, 0.3160



9.1800, 0.4680, 0.2352



0.5291, 0.4338, 0.2163

Previews

White Background



This preview shows how the Yxy color 50.2553, 0.3034, 0.3010 looks on a white background.

Color Contrast Check

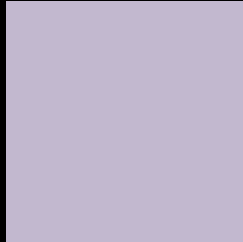
Large Text (above 18pt) WCAG AA × Fail

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 50.2553, 0.3034, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

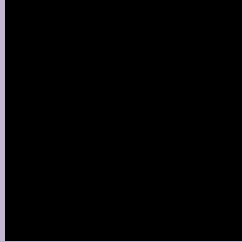
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2553, 0.3034, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 50.2553, 0.3034, 0.3010.



This preview shows how white text looks on a background with the Yxy color 50.2553, 0.3034, 0.3010.

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

50.2553, 0.3034, 0.3010

Protanopia

50.4584, 0.2948, 0.3018

Deuteranopia

50.2423, 0.3058, 0.3000



Tritanopia

50.2055, 0.3078, 0.3105

Trichromacy



Original Color

50.2553, 0.3034, 0.3010

Protanomaly

50.3632, 0.2978, 0.3019

Deuteranomaly

50.1077, 0.3050, 0.2999

Tritanomaly

50.3472, 0.3055, 0.3069

Monochromacy



Original Color

50.2553, 0.3034, 0.3010

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.0283, 0.3091, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2553, 0.3034, 0.3010 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(194, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 207)  
}
```

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(194, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.2553, 0.3034, 0.3010 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(194, 184, 207) }
```

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

```
.border{ border-color:rgb(194, 184, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 184, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2553, 0.3034, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 207) }
```

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

```
.background{ background-color: rgb(194,  
184, 207) }
```

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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