

Converting Colors

Yxy(50.4056, 0.3085, 0.3142)

Have a look what the booklet for
Yxy(50.4056, 0.3085, 0.3142)
contains.

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Color

Yxy(50.4015, 0.3085, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	C0BAC6
RGB	192, 186, 198
RGB Percent	75%, 73%, 78%
CMY	0.2468, 0.2706, 0.2234
CMYK	0.03, 0.06, 0.00, 0.22
HSL	270°, 10%, 75%
HSV	270°, 6%, 78%
XYZ	49.5029, 50.4015, 60.5588
YIQ	189.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

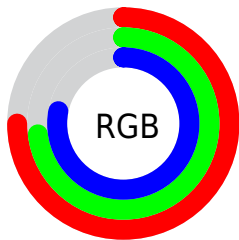
Format	Color
R_{YB}	192, 186, 198
Decimal	12630726
CIE Lab	76.32, 4.38, -5.31
CIE LCh	76, 6.882, 309.478
Yxy	50.4015, 0.3085, 0.3141
Android (android.graphics.Color)	4290820806 (0xFFC0BAC6)
YUV	189.1620, 4.3571, 2.4889
Hunter-Lab	70.9940, 0.2255, -0.8793

Details

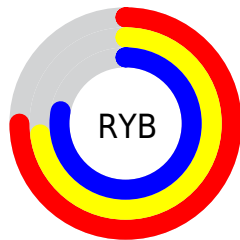
The Yxy color `50.4015, 0.3085, 0.3141` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.1432, 0.3167, 0.3439`, and the grayscale version is `50.9669, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.6807, 0.3088, 0.3164`, and `24.2776, 0.3080, 0.3107` is the 20% darker color. If you saturate the color by 10%, you get `41.3921, 0.3006, 0.2879`, and if you desaturate by 10%, it is `60.6568, 0.3152, 0.3382`.

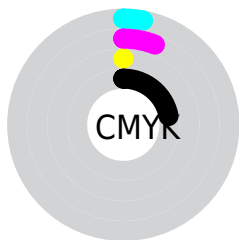
Distribution



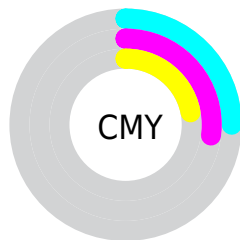
- Red (75%)
- Green (73%)
- Blue (78%)



- Red (75%)
- Yellow (73%)
- Blue (78%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4015, 0.3085, 0.3141 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 50.4015, 0.3085, 0.3141 by changing the saturation by 10% instead.

■ 50.4015, 0.3085,
0.3141

■ 50.4015, 0.3085,
0.3141

388.2340, 0.3106,
0.3214

■ 35.7325, 0.3080,
0.3123

■ 90.7695, 0.3093,
0.3167

■ 24.2277, 0.3073,
0.3101

117.2373, 0.3096,
0.3177

■ 15.5026, 0.3064,
0.3071

148.4068, 0.3098,
0.3186

■ 9.1729, 0.3051,
0.3031

184.6624, 0.3100,
0.3193

■ 4.8541, 0.3033,
0.2972

226.3885, 0.3102,
0.3199

■ 2.1619, 0.3002,
0.2879

273.9696, 0.3103,

■ 0.6991, 0.2952,

0.3205

0.2676

327.7899, 0.3105,
0.3210

0.0000, 0.0000,
0.0000

50.4015, 0.3085,
0.3141

50.4015, 0.3085,
0.3141

41.3921, 0.3006,
0.2879

60.6568, 0.3152,
0.3382

33.5733, 0.2915,
0.2600

72.1977, 0.3209,
0.3600

26.8949, 0.2810,
0.2307

85.0700, 0.3256,
0.3797

21.3008, 0.2695,
0.2012

92.6381, 0.3309,
0.3879

16.7299, 0.2570,
0.1724

94.3197, 0.3373,
0.3867

■ 13.1147, 0.2439,
0.1460

■ 96.0943, 0.3438,
0.3855

■ 10.3796, 0.2309,
0.1232

■ 96.8583, 0.3466,
0.3850

■ 8.4366, 0.2184,
0.1054

■ 7.1751, 0.2070,
0.0930

Harmonies

Analogous

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



50.4015, 0.3002, 0.3132



50.4015, 0.3085, 0.3141



50.4015, 0.3180, 0.3188

Triad

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



50.4015, 0.3085, 0.3141



50.4015, 0.3304, 0.3413



50.4015, 0.2994, 0.3317

Complementary

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



50.4015, 0.3085, 0.3141



55.1432, 0.3167, 0.3439

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.



50.4015, 0.3073, 0.3395



50.4015, 0.3085, 0.3141



50.4015, 0.3252, 0.3451

Square

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



50.4015, 0.3085, 0.3141



50.4015, 0.3307, 0.3344



50.4015, 0.3167, 0.3445



50.4015, 0.2951, 0.3232

Rectangle

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



50.4015, 0.3085, 0.3141



50.4015, 0.3238, 0.3235



50.4015, 0.3167, 0.3445



50.4015, 0.3017, 0.3345

Sweetspot

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



50.4037, 0.3085, 0.3141



96.3130, 0.3114, 0.3241



52.2165, 0.3035, 0.3215



20.6536, 0.3114, 0.3244



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.



50.4037, 0.3085, 0.3141



87.4962, 0.3077, 0.3115



51.1985, 0.3134, 0.3143



10.9366, 0.3074, 0.3105



4.4605, 0.2041, 0.0898



0.2543, 0.2270, 0.1024

Inverse Universe

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



50.9238, 0.3181, 0.3217



88.5688, 0.3191, 0.3204



54.3805, 0.3120, 0.3441



11.0792, 0.3195, 0.3199



8.3997, 0.4959, 0.2505



0.4124, 0.4498, 0.2252

Previews

White Background



This preview shows how the Yxy color 50.4015, 0.3085, 0.3141 looks on a white background.

Color Contrast Check

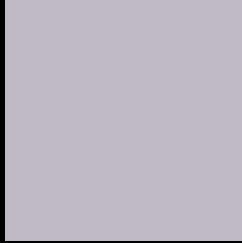
Large Text (above 18pt) WCAG AA × Fail

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 50.4015, 0.3085, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

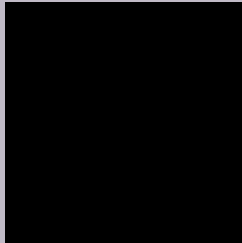
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

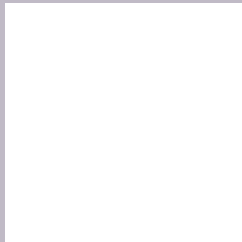
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4015, 0.3085, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 50.4015, 0.3085, 0.3141.

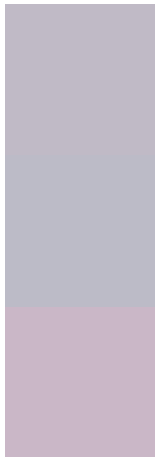


This preview shows how white text looks on a background with the Yxy color 50.4015, 0.3085, 0.3141.

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

50.4015, 0.3085, 0.3141

Protanopia

50.3555, 0.3044, 0.3140

Deuteranopia

50.5471, 0.3161, 0.3097



Tritanopia

50.4944, 0.3070, 0.3117

Trichromacy



Original Color

50.4015, 0.3085, 0.3141

Protanomaly

50.4830, 0.3052, 0.3141

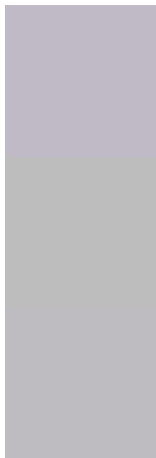
Deuteranomaly

50.4103, 0.3127, 0.3107

Tritanomaly

50.4478, 0.3077, 0.3129

Monochromacy



Original Color

50.4015, 0.3085, 0.3141

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7194, 0.3113, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4015, 0.3085, 0.3141 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(192, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 198)  
}
```

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(192, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.4015, 0.3085, 0.3141 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(192, 186, 198) }
```

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

```
.border{ border-color:rgb(192, 186, 198) }
```

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

Here you see how a box with a 4 pixel rgb(192, 186, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4015, 0.3085, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 198) }
```

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

```
.background{ background-color: rgb(192,  
186, 198) }
```

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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