

Converting Colors

$Yxy(50.7377, 0.3217, 0.3116)$

Have a look what the booklet for
Yxy(50.7377, 0.3217, 0.3116)
contains.

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Color

Yxy(50.6089, 0.3212, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	CEB6C5
RGB	206, 182, 197
RGB Percent	81%, 71%, 77%
CMY	0.1920, 0.2863, 0.2273
CMYK	0.00, 0.12, 0.04, 0.19
HSL	322°, 20%, 76%
HSV	322°, 12%, 81%
XYZ	52.2687, 50.6089, 59.8519
YIQ	190.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

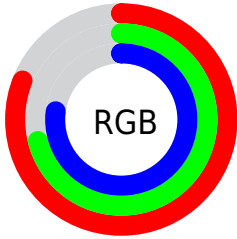
Format	Color
R _Y B	206, 182, 197
Decimal	13547205
CIE Lab	76.44, 11.19, -4.45
CIE LCh	76, 12.041, 338.302
Yxy	50.6089, 0.3212, 0.3110
Android (android.graphics.Color)	4291737285 (0xFFCEB6C5)
YUV	190.8860, 3.0142, 13.2550
Hunter-Lab	71.1399, 6.6547, -0.0843

Details

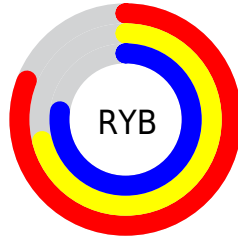
The Yxy color $50.6089, 0.3212, 0.3110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.8647, 0.3051, 0.3477$, and the grayscale version is $52.0127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.5648, 0.3141, 0.3136$, and $24.3591, 0.3242, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $42.4394, 0.3300, 0.2948$, and if you desaturate by 10%, it is $60.0425, 0.3138, 0.3265$.

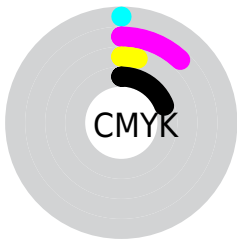
Distribution



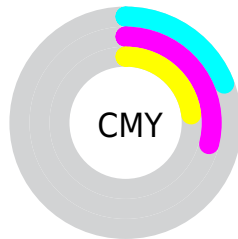
- Red (81%)
- Green (71%)
- Blue (77%)



- Red (81%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (19%)




- Cyan (19%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6089, 0.3212, 0.3110 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 50.6089, 0.3212, 0.3110 by changing the saturation by 10% instead.


 50.6089, 0.3212,
0.3110

 50.6089, 0.3212,
0.3110


389.0424, 0.3171,
0.3198

 35.8974, 0.3222,
0.3089


 91.0764, 0.3197,
0.3141

 24.3550, 0.3235,
0.3062


117.6012, 0.3192,
0.3153

 15.5972, 0.3251,
0.3027


148.8327, 0.3187,
0.3163

 9.2396, 0.3273,
0.2979

185.1551, 0.3183,
0.3172

 4.8978, 0.3306,
0.2911

226.9528, 0.3179,
0.3180

 2.1874, 0.3356,
0.2803

274.6104, 0.3176,

 0.7131, 0.3460,

0.3186

0.2582

328.5121, 0.3173,
0.3192

0.0000, 0.0000,
0.0000

50.6089, 0.3212,
0.3110

50.6089, 0.3212,
0.3110

42.4394, 0.3300,
0.2948

60.0425, 0.3138,
0.3265

35.4731, 0.3403,
0.2784

70.7845, 0.3077,
0.3411

29.6539, 0.3522,
0.2622

82.8853, 0.3025,
0.3547

24.9187, 0.3658,
0.2472

90.2428, 0.2982,
0.3578

21.1983, 0.3809,
0.2343

90.6810, 0.2940,
0.3494

■ 18.4152, 0.3972,
0.2247

■ 91.1385, 0.2899,
0.3411

■ 16.4810, 0.4141,
0.2194

■ 91.6156, 0.2859,
0.3330

■ 15.2897, 0.4310,
0.2192

■ 91.8668, 0.2838,
0.3289

■ 14.7075, 0.4448,
0.2224

Harmonies

Analogous

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



50.6089, 0.3046, 0.3031



50.6089, 0.3212, 0.3110



50.6089, 0.3358, 0.3234

Triad

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



50.6089, 0.3212, 0.3110



50.6089, 0.3350, 0.3571



50.6089, 0.2823, 0.3191

Complementary

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



50.6089, 0.3212, 0.3110



57.8647, 0.3051, 0.3477

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.



50.6089, 0.2900, 0.3342



50.6089, 0.3212, 0.3110



50.6089, 0.3202, 0.3566

Square

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



50.6089, 0.3212, 0.3110



50.6089, 0.3438, 0.3499



50.6089, 0.3038, 0.3481



50.6089, 0.2825, 0.3074

Rectangle

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



50.6089, 0.3212, 0.3110



50.6089, 0.3423, 0.3329



50.6089, 0.3038, 0.3481



50.6089, 0.2840, 0.3240

Sweetspot

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



50.6111, 0.3212, 0.3110



93.4202, 0.3155, 0.3229



48.9611, 0.3015, 0.2994



19.7392, 0.3160, 0.3217



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.



50.6111, 0.3212, 0.3110



78.4680, 0.3233, 0.3070



50.0898, 0.3309, 0.3252



11.3297, 0.3194, 0.3146



9.0724, 0.4425, 0.2211



0.4824, 0.4127, 0.2047

Inverse Universe

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



50.6111, 0.3212, 0.3110



78.4680, 0.3233, 0.3070



58.4068, 0.2971, 0.3329



11.3297, 0.3194, 0.3146



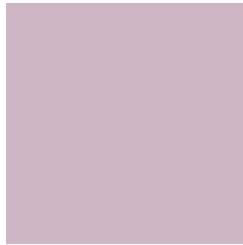
9.0724, 0.4425, 0.2211



0.4824, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 50.6089, 0.3212, 0.3110 looks on a white background.

Color Contrast Check

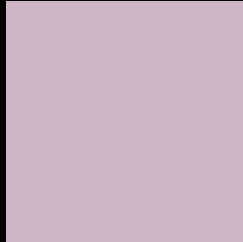
Large Text (above 18pt) WCAG AA × Fail

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 50.6089, 0.3212, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

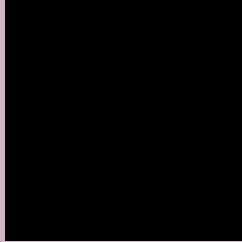
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6089, 0.3212, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 50.6089, 0.3212, 0.3110.



This preview shows how white text looks on a background with the Yxy color 50.6089, 0.3212, 0.3110.

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

50.6089, 0.3212, 0.3110

Protanopia

50.9554, 0.3045, 0.3141

Deuteranopia

50.5947, 0.3186, 0.3121



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.6089, 0.3212, 0.3110

Protanomaly

50.8434, 0.3102, 0.3131

Deuteranomaly

50.7356, 0.3194, 0.3122

Tritanomaly

50.5632, 0.3220, 0.3122

Monochromacy



Original Color

50.6089, 0.3212, 0.3110

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5525, 0.3155, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6089, 0.3212, 0.3110 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(206, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 197)  
}
```

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(206, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.6089, 0.3212, 0.3110 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(206, 182, 197) }
```

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

```
.border{ border-color:rgb(206, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 182, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 182, 197); box-shadow:4px 4px 4px 4px rgb(206, 182, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6089, 0.3212, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 197) }
```

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

```
.background{ background-color: rgb(206,  
182, 197) }
```

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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