

Converting Colors

$Yxy(48.8047, 0.3315, 0.3273)$

Have a look what the booklet for
Yxy(48.8047, 0.3315, 0.3273)
contains.

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Color

Yxy(48.7164, 0.3311, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CBB4B6
RGB	203, 180, 182
RGB Percent	80%, 71%, 71%
CMY	0.2040, 0.2941, 0.2863
CMYK	0.00, 0.11, 0.10, 0.20
HSL	355°, 18%, 75%
HSV	355°, 11%, 80%
XYZ	49.3876, 48.7164, 51.0582
YIQ	187.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

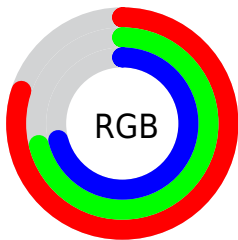
Format	Color
R _Y B	203, 180, 182
Decimal	13350070
CIE Lab	75.27, 8.55, 1.99
CIE LCh	75, 8.776, 13.097
Yxy	48.7164, 0.3311, 0.3266
Android (android.graphics.Color)	4291540150 (0xFFCBB4B6)
YUV	187.1050, -2.5168, 13.9399
Hunter-Lab	69.7971, 4.1595, 5.4860

Details

The Yxy color **48.7164, 0.3311, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6194, 0.2969, 0.3314**, and the grayscale version is **49.7649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4240, 0.3243, 0.3271**, and **23.1533, 0.3369, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **40.3974, 0.3516, 0.3243**, and if you desaturate by 10%, it is **58.3412, 0.3146, 0.3287**.

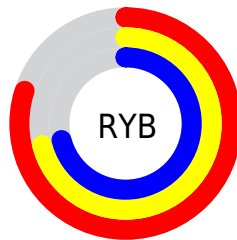
Distribution



Red (80%)

Green (71%)

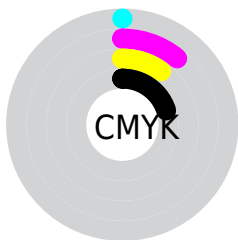
Blue (71%)



Red (80%)

Yellow (71%)

Blue (71%)

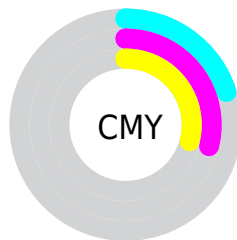


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7164, 0.3311, 0.3266 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 48.7164, 0.3311, 0.3266 by changing the saturation by 10% instead.


 48.7164, 0.3311,
0.3266

 48.7164, 0.3311,
0.3266

381.6248, 0.3219,
0.3278

 34.3946, 0.3334,
0.3263


 88.2701, 0.3278,
0.3271

 23.1969, 0.3363,
0.3259


114.2708, 0.3265,
0.3272

 14.7389, 0.3402,
0.3253


144.9331, 0.3255,
0.3274

 8.6364, 0.3456,
0.3245

180.6416, 0.3246,
0.3275

 4.5048, 0.3536,
0.3232

221.7807, 0.3238,
0.3276

 1.9597, 0.3668,
0.3210

268.7346, 0.3231,

 0.5839, 0.4141,

0.3277

0.3166

321.8878, 0.3225,
0.3278

0.0000, 0.0000,
0.0000

48.7164, 0.3311,
0.3266

48.7164, 0.3311,
0.3266

40.3974, 0.3516,
0.3243

58.3412, 0.3146,
0.3287

33.3219, 0.3771,
0.3220

69.3178, 0.3014,
0.3307

27.4320, 0.4083,
0.3198

81.6980, 0.2907,
0.3325

22.6629, 0.4457,
0.3180

91.4324, 0.2821,
0.3289

18.9434, 0.4884,
0.3169

■ 16.1941, 0.5340,
0.3170

■ 14.3247, 0.5772,
0.3188

■ 13.2272, 0.6116,
0.3221

■ 12.7348, 0.6312,
0.3251

Harmonies

Analogous

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



48.7164, 0.3209, 0.3169



48.7164, 0.3311, 0.3266



48.7164, 0.3363, 0.3371

Triad

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



48.7164, 0.3311, 0.3266



48.7164, 0.3164, 0.3486



48.7164, 0.2909, 0.3120

Complementary

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



48.7164, 0.3311, 0.3266



56.6194, 0.2969, 0.3314

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.



48.7164, 0.2897, 0.3202



48.7164, 0.3311, 0.3266



48.7164, 0.3043, 0.3416

Square

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



48.7164, 0.3311, 0.3266



48.7164, 0.3277, 0.3500



48.7164, 0.2946, 0.3311



48.7164, 0.2977, 0.3085

Rectangle

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



48.7164, 0.3311, 0.3266



48.7164, 0.3362, 0.3432



48.7164, 0.2946, 0.3311



48.7164, 0.2898, 0.3143

Sweetspot

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



48.7186, 0.3311, 0.3266



94.7739, 0.3172, 0.3284



49.3315, 0.3121, 0.3013



19.9941, 0.3185, 0.3282



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.



48.7186, 0.3311, 0.3266



77.3749, 0.3366, 0.3260



52.4685, 0.3314, 0.3403



11.2292, 0.3277, 0.3270



8.1127, 0.6294, 0.3241



0.4241, 0.5972, 0.3064

Inverse Universe

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



48.7186, 0.3311, 0.3266



77.3749, 0.3366, 0.3260



52.5050, 0.2953, 0.3175



11.2292, 0.3277, 0.3270



8.1127, 0.6294, 0.3241



0.4241, 0.5972, 0.3064

Previews

White Background



This preview shows how the Yxy color 48.7164, 0.3311, 0.3266 looks on a white background.

Color Contrast Check

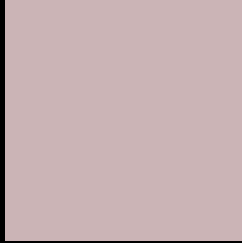
Large Text (above 18pt) WCAG AA × Fail

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 48.7164, 0.3311, 0.3266 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 48.7164, 0.3311, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 48.7164, 0.3311, 0.3266.



This preview shows how white text looks on a background with the Yxy color 48.7164, 0.3311, 0.3266.

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

48.7164, 0.3311, 0.3266

Protanopia

49.0195, 0.3161, 0.3290

Deuteranopia

48.5967, 0.3330, 0.3254



Tritanopia

48.4839, 0.3239, 0.3120

Trichromacy



Original Color

48.7164, 0.3311, 0.3266

Protanomaly

48.7970, 0.3213, 0.3278

Deuteranomaly

48.4550, 0.3322, 0.3254

Tritanomaly

48.7084, 0.3271, 0.3181

Monochromacy



Original Color

48.7164, 0.3311, 0.3266

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1212, 0.3195, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7164, 0.3311, 0.3266 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(203, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 182)  
}
```

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(203, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.7164, 0.3311, 0.3266 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(203, 180, 182) }
```

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

```
.border{ border-color:rgb(203, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7164, 0.3311, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 182) }
```

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

```
.background{ background-color: rgb(203,  
180, 182) }
```

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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