

Converting Colors

Yxy(50.0072, 0.3197, 0.3260)

Have a look what the booklet for
Yxy(50.0072, 0.3197, 0.3260)
contains.

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Color

Yxy(50.0215, 0.3204, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9BB
RGB	196, 185, 187
RGB Percent	77%, 73%, 73%
CMY	0.2313, 0.2745, 0.2666
CMYK	0.00, 0.06, 0.05, 0.23
HSL	349°, 9%, 75%
HSV	349°, 6%, 77%
XYZ	49.0869, 50.0215, 54.0968
YIQ	188.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

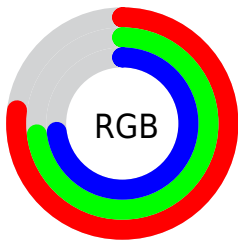
Format	Color
R_{YB}	196, 185, 187
Decimal	12892603
CIE Lab	76.08, 4.25, 0.36
CIE LCh	76, 4.263, 4.824
Yxy	50.0215, 0.3204, 0.3265
Android (android.graphics.Color)	4291082683 (0xFFC4B9BB)
YUV	188.5170, -0.7479, 6.5626
Hunter-Lab	70.7259, 0.1168, 4.1584

Details

The Yxy color **50.0215, 0.3204, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6913, 0.3055, 0.3315**, and the grayscale version is **50.6030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2643, 0.3194, 0.3271**, and **23.9745, 0.3221, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **41.7330, 0.3366, 0.3218**, and if you desaturate by 10%, it is **59.5211, 0.3073, 0.3309**.

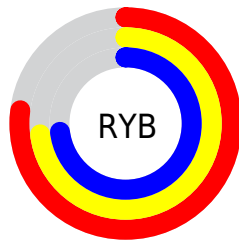
Distribution



Red (77%)

Green (73%)

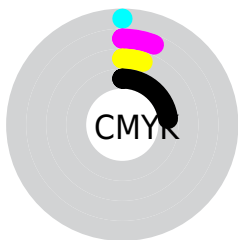
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

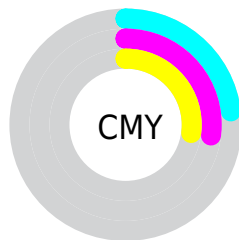


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0215, 0.3204, 0.3265 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 50.0215, 0.3204, 0.3265 by changing the saturation by 10% instead.

■ 50.0215, 0.3204,
0.3265

■ 50.0215, 0.3204,
0.3265

386.7500, 0.3166,
0.3278

■ 35.4305, 0.3213,
0.3262

■ 90.2067, 0.3190,
0.3270

■ 23.9947, 0.3225,
0.3258

116.5697, 0.3185,
0.3271

■ 15.3297, 0.3241,
0.3253

147.6255, 0.3181,
0.3273

■ 9.0511, 0.3263,
0.3245

183.7585, 0.3177,
0.3274

■ 4.7745, 0.3295,
0.3235

225.3530, 0.3174,
0.3275

■ 2.1156, 0.3348,
0.3217

272.7935, 0.3171,

■ 0.6734, 0.3500,

0.3276

0.3168

326.4644, 0.3168,
0.3277

0.0000, 0.0000,
0.0000

50.0215, 0.3204,
0.3265

50.0215, 0.3204,
0.3265

41.7330, 0.3366,
0.3218

59.5211, 0.3073,
0.3309

34.6007, 0.3566,
0.3169

70.2711, 0.2967,
0.3349

28.5749, 0.3811,
0.3119

82.3169, 0.2881,
0.3385

23.6002, 0.4109,
0.3072

90.2207, 0.2804,
0.3331

19.6158, 0.4460,
0.3034

90.4767, 0.2784,
0.3289

■ 16.5552, 0.4857,
0.3013

■ 14.3433, 0.5276,
0.3016

■ 12.8934, 0.5675,
0.3052

■ 12.0986, 0.6004,
0.3118

Harmonies

Analogous

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



50.0215, 0.3151, 0.3221



50.0215, 0.3204, 0.3265



50.0215, 0.3236, 0.3316

Triad

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



50.0215, 0.3204, 0.3265



50.0215, 0.3161, 0.3388



50.0215, 0.3017, 0.3218

Complementary

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



50.0215, 0.3204, 0.3265



53.6913, 0.3055, 0.3315

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.



50.0215, 0.3019, 0.3262



50.0215, 0.3204, 0.3265



50.0215, 0.3103, 0.3361

Square

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



50.0215, 0.3204, 0.3265



50.0215, 0.3211, 0.3388



50.0215, 0.3051, 0.3315



50.0215, 0.3043, 0.3193

Rectangle

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



50.0215, 0.3204, 0.3265



50.0215, 0.3242, 0.3348



50.0215, 0.3051, 0.3315



50.0215, 0.3014, 0.3231

Sweetspot

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



50.0237, 0.3204, 0.3265



96.5240, 0.3154, 0.3281



50.1274, 0.3115, 0.3154



20.6965, 0.3153, 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.



50.0237, 0.3204, 0.3265



88.2327, 0.3226, 0.3258



51.3351, 0.3217, 0.3331



10.4534, 0.3232, 0.3256



7.6325, 0.6094, 0.3130



0.3392, 0.5498, 0.2802

Inverse Universe

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



50.0237, 0.3204, 0.3265



88.2327, 0.3226, 0.3258



52.3097, 0.3041, 0.3248



10.4534, 0.3232, 0.3256



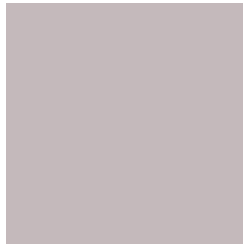
7.6325, 0.6094, 0.3130



0.3392, 0.5498, 0.2802

Previews

White Background



This preview shows how the Yxy color 50.0215, 0.3204, 0.3265 looks on a white background.

Color Contrast Check

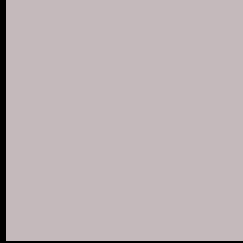
Large Text (above 18pt) WCAG AA × Fail

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 50.0215, 0.3204, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

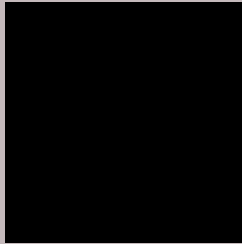
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

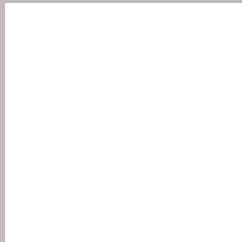
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0215, 0.3204, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 50.0215, 0.3204, 0.3265.



This preview shows how white text looks on a background with the Yxy color 50.0215, 0.3204, 0.3265.

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

50.0215, 0.3204, 0.3265

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

50.0659, 0.3276, 0.3218



Tritanopia

49.9500, 0.3136, 0.3107

Trichromacy



Original Color

50.0215, 0.3204, 0.3265

Protanomaly

50.0861, 0.3170, 0.3265

Deuteranomaly

50.0544, 0.3249, 0.3229

Tritanomaly

50.0463, 0.3158, 0.3167

Monochromacy



Original Color

50.0215, 0.3204, 0.3265

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8037, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0215, 0.3204, 0.3265 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(196, 185, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 187)  
}
```

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(196, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.0215, 0.3204, 0.3265 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(196, 185, 187) }
```

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

```
.border{ border-color:rgb(196, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0215, 0.3204, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 187) }
```

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

```
.background{ background-color: rgb(196,  
185, 187) }
```

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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