

Converting Colors

$Yxy(51.1205, 0.3266, 0.3218)$

Have a look what the booklet for
Yxy(51.1205, 0.3266, 0.3218)
contains.

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Color

Yxy(51.1205, 0.3266, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	CEB8BE
RGB	206, 184, 190
RGB Percent	81%, 72%, 75%
CMY	0.1923, 0.2784, 0.2549
CMYK	0.00, 0.11, 0.08, 0.19
HSL	344°, 18%, 76%
HSV	344°, 11%, 81%
XYZ	51.8830, 51.1205, 55.8545
YIQ	191.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

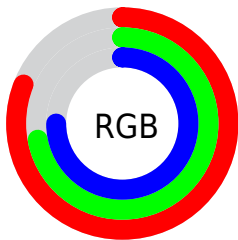
Format	Color
R _Y B	206, 184, 190
Decimal	13547710
CIE Lab	76.75, 8.84, -0.18
CIE LCh	77, 8.841, 358.804
Yxy	51.1205, 0.3266, 0.3218
Android (android.graphics.Color)	4291737790 (0xFFCEB8BE)
YUV	191.2620, -0.6222, 12.9252
Hunter-Lab	71.4986, 4.4061, 3.7319

Details

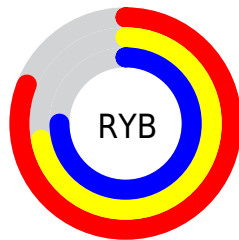
The Yxy color **51.1205, 0.3266, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4892, 0.3005, 0.3363**, and the grayscale version is **52.2588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2340, 0.3189, 0.3232**, and **24.7141, 0.3306, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **42.5572, 0.3427, 0.3146**, and if you desaturate by 10%, it is **61.0014, 0.3135, 0.3286**.

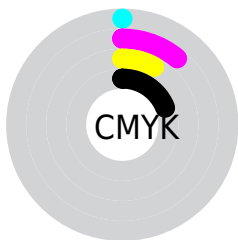
Distribution



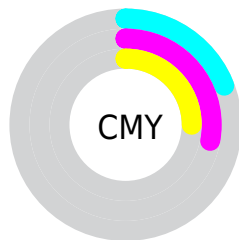
- Red (81%)
- Green (72%)
- Blue (75%)



- Red (81%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1205, 0.3266, 0.3218 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 51.1205, 0.3266, 0.3218 by changing the saturation by 10% instead.


 51.1205, 0.3266,
0.3218

 51.1205, 0.3266,
0.3218


391.0318, 0.3198,
0.3254

 36.3045, 0.3283,
0.3209


 91.8329, 0.3241,
0.3231

 24.6695, 0.3304,
0.3198


118.4980, 0.3232,
0.3236

 15.8310, 0.3332,
0.3184


149.8817, 0.3224,
0.3240

 9.4046, 0.3371,
0.3163

186.3683, 0.3217,
0.3243

 5.0060, 0.3428,
0.3134

228.3422, 0.3211,
0.3246

 2.2508, 0.3520,
0.3086

276.1879, 0.3206,

 0.7475, 0.3711,

0.3249

0.2986

330.2896, 0.3202,
0.3251

0.0000, 0.0000,
0.0000

51.1205, 0.3266,
0.3218

51.1205, 0.3266,
0.3218

42.5572, 0.3427,
0.3146

61.0014, 0.3135,
0.3286

35.2492, 0.3625,
0.3072

72.2455, 0.3028,
0.3348

29.1390, 0.3865,
0.2999

84.9044, 0.2941,
0.3406

24.1623, 0.4151,
0.2933

91.5329, 0.2864,
0.3342

20.2483, 0.4483,
0.2882

91.8576, 0.2838,
0.3289

■ 17.3186, 0.4850,
0.2857

■ 15.2835, 0.5229,
0.2870

■ 14.0368, 0.5586,
0.2926

■ 13.4057, 0.5873,
0.3009

Harmonies

Analogous

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



51.1205, 0.3151, 0.3134



51.1205, 0.3266, 0.3218



51.1205, 0.3344, 0.3321

Triad

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



51.1205, 0.3266, 0.3218



51.1205, 0.3220, 0.3498



51.1205, 0.2897, 0.3156

Complementary

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



51.1205, 0.3266, 0.3218



58.4892, 0.3005, 0.3363

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.



51.1205, 0.2915, 0.3253



51.1205, 0.3266, 0.3218



51.1205, 0.3100, 0.3454

Square

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



51.1205, 0.3266, 0.3218



51.1205, 0.3316, 0.3484



51.1205, 0.2989, 0.3363



51.1205, 0.2940, 0.3097

Rectangle

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



51.1205, 0.3266, 0.3218



51.1205, 0.3363, 0.3389



51.1205, 0.2989, 0.3363



51.1205, 0.2897, 0.3185

Sweetspot

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



51.1227, 0.3266, 0.3218



94.8628, 0.3164, 0.3270



50.9866, 0.3088, 0.3026



20.0180, 0.3174, 0.3265



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.



51.1227, 0.3266, 0.3218



79.1872, 0.3303, 0.3200



52.8758, 0.3308, 0.3348



11.2632, 0.3248, 0.3227



8.2716, 0.5835, 0.2988



0.4397, 0.5264, 0.2673

Inverse Universe

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



51.1227, 0.3266, 0.3218



79.1872, 0.3303, 0.3200



56.5196, 0.2964, 0.3231



11.2632, 0.3248, 0.3227



8.2716, 0.5835, 0.2988



0.4397, 0.5264, 0.2673

Previews

White Background



This preview shows how the Yxy color 51.1205, 0.3266, 0.3218 looks on a white background.

Color Contrast Check

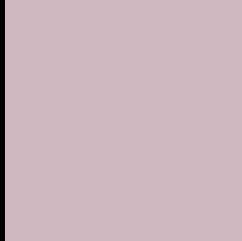
Large Text (above 18pt) WCAG AA × Fail

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 51.1205, 0.3266, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

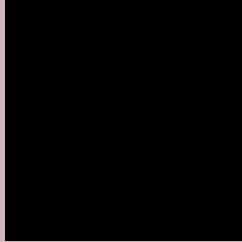
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1205, 0.3266, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 51.1205, 0.3266, 0.3218.



This preview shows how white text looks on a background with the Yxy color 51.1205, 0.3266, 0.3218.

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

51.1205, 0.3266, 0.3218

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

50.8501, 0.3276, 0.3206



Tritanopia

51.1636, 0.3219, 0.3123

Trichromacy



Original Color

51.1205, 0.3266, 0.3218

Protanomaly

51.2167, 0.3172, 0.3229

Deuteranomaly

50.8501, 0.3276, 0.3206

Tritanomaly

51.0274, 0.3244, 0.3158

Monochromacy



Original Color

51.1205, 0.3266, 0.3218

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4638, 0.3170, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1205, 0.3266, 0.3218 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, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 184, 190)  
}
```

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, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.1205, 0.3266, 0.3218 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, 184, 190) }
```

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

```
.border{ border-color:rgb(206, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1205, 0.3266, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 184, 190) }
```

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

```
.background{ background-color: rgb(206,  
184, 190) }
```

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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