

Converting Colors

$Yxy(50.7065, 0.3268, 0.3206)$

Have a look what the booklet for
Yxy(50.7065, 0.3268, 0.3206)
contains.

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Color

Yxy(50.7065, 0.3268, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	CEB7BE
RGB	206, 183, 190
RGB Percent	81%, 72%, 75%
CMY	0.1920, 0.2824, 0.2550
CMYK	0.00, 0.11, 0.08, 0.19
HSL	342°, 19%, 76%
HSV	342°, 11%, 81%
XYZ	51.6871, 50.7065, 55.7677
YIQ	190.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

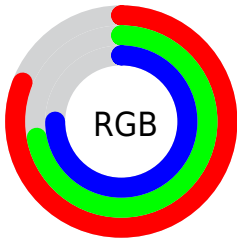
Format	Color
R _Y B	206, 183, 190
Decimal	13547454
CIE Lab	76.50, 9.41, -0.53
CIE LCh	77, 9.421, 356.748
Yxy	50.7065, 0.3268, 0.3206
Android (android.graphics.Color)	4291737534 (0xFFCEB7BE)
YUV	190.6750, -0.3328, 13.4400
Hunter-Lab	71.2085, 4.9504, 3.4124

Details

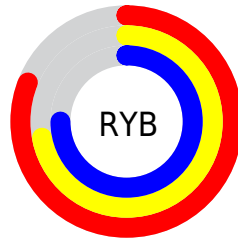
The Yxy color $50.7065, 0.3268, 0.3206$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.3527, 0.3004, 0.3376$, and the grayscale version is $51.9021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6468, 0.3190, 0.3222$, and $24.4468, 0.3307, 0.3177$ is the 20% darker color. If you saturate the color by 10%, you get $42.2255, 0.3424, 0.3126$, and if you desaturate by 10%, it is $60.4979, 0.3141, 0.3281$.

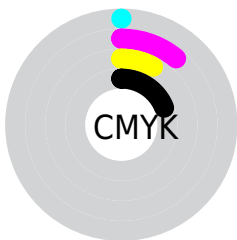
Distribution



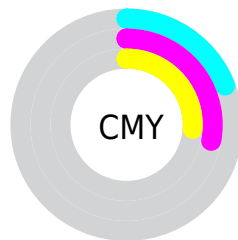
- Red (81%)
- Green (72%)
- Blue (75%)



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



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





- Cyan (19%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7065, 0.3268, 0.3206 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 50.7065, 0.3268, 0.3206 by changing the saturation by 10% instead.


 50.7065, 0.3268,
0.3206

 50.7065, 0.3268,
0.3206


389.4224, 0.3199,
0.3247

 35.9751, 0.3285,
0.3196


 91.2208, 0.3243,
0.3221

 24.4150, 0.3307,
0.3183


117.7724, 0.3234,
0.3227

 15.6417, 0.3335,
0.3166


149.0330, 0.3226,
0.3231

 9.2710, 0.3375,
0.3142

185.3867, 0.3219,
0.3235

 4.9184, 0.3433,
0.3108

227.2182, 0.3213,
0.3239

 2.1994, 0.3527,
0.3053

274.9117, 0.3207,

 0.7197, 0.3728,

0.3242

0.2930

328.8516, 0.3203,
0.3245

0.0000, 0.0000,
0.0000

50.7065, 0.3268,
0.3206

50.7065, 0.3268,
0.3206

42.2255, 0.3424,
0.3126

60.4979, 0.3141,
0.3281

34.9926, 0.3615,
0.3044

71.6453, 0.3037,
0.3351

28.9504, 0.3846,
0.2963

84.2002, 0.2952,
0.3416

24.0344, 0.4121,
0.2889

91.3874, 0.2878,
0.3368

20.1738, 0.4439,
0.2833

91.8671, 0.2838,
0.3289

■ 17.2899, 0.4790,
0.2804

■ 15.2926, 0.5154,
0.2814

■ 14.0750, 0.5500,
0.2872

■ 13.4802, 0.5769,
0.2952

Harmonies

Analogous

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



50.7065, 0.3144, 0.3119



50.7065, 0.3268, 0.3206



50.7065, 0.3355, 0.3315

Triad

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



50.7065, 0.3268, 0.3206



50.7065, 0.3234, 0.3514



50.7065, 0.2881, 0.3152

Complementary

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



50.7065, 0.3268, 0.3206



58.3527, 0.3004, 0.3376

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.



50.7065, 0.2905, 0.3258



50.7065, 0.3268, 0.3206



50.7065, 0.3107, 0.3470

Square

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



50.7065, 0.3268, 0.3206



50.7065, 0.3335, 0.3495



50.7065, 0.2986, 0.3375



50.7065, 0.2922, 0.3087

Rectangle

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



50.7065, 0.3268, 0.3206



50.7065, 0.3379, 0.3388



50.7065, 0.2986, 0.3375



50.7065, 0.2882, 0.3184

Sweetspot

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



50.7087, 0.3268, 0.3206



94.8772, 0.3162, 0.3268



50.4293, 0.3080, 0.3012



20.0219, 0.3172, 0.3262



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.



50.7087, 0.3268, 0.3206



79.2436, 0.3296, 0.3191



52.1794, 0.3319, 0.3342



11.2688, 0.3243, 0.3220



8.3126, 0.5731, 0.2931



0.4424, 0.5164, 0.2619

Inverse Universe

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



50.7087, 0.3268, 0.3206



79.2436, 0.3296, 0.3191



56.6777, 0.2956, 0.3238



11.2688, 0.3243, 0.3220



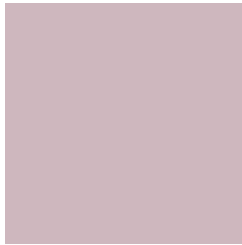
8.3126, 0.5731, 0.2931



0.4424, 0.5164, 0.2619

Previews

White Background



This preview shows how the Yxy color 50.7065, 0.3268, 0.3206 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 50.7065, 0.3268, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

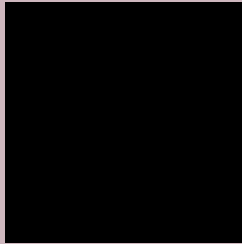
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7065, 0.3268, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 50.7065, 0.3268, 0.3206.



This preview shows how white text looks on a background with the Yxy color 50.7065, 0.3268, 0.3206.

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

50.7065, 0.3268, 0.3206

Protanopia

50.8931, 0.3114, 0.3228

Deuteranopia

50.7065, 0.3268, 0.3206



Tritanopia

50.7068, 0.3228, 0.3123

Trichromacy



Original Color

50.7065, 0.3268, 0.3206

Protanomaly

50.6593, 0.3164, 0.3216

Deuteranomaly

50.7065, 0.3268, 0.3206

Tritanomaly

50.6163, 0.3245, 0.3146

Monochromacy



Original Color

50.7065, 0.3268, 0.3206

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 50.7065, 0.3268, 0.3206 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, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 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, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.7065, 0.3268, 0.3206 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, 183, 190) }
```

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

```
.border{ border-color:rgb(206, 183, 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, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7065, 0.3268, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 190) }
```

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

```
.background{ background-color: rgb(206,  
183, 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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