

Converting Colors

$Y_{xy}(50.5244, 0.3294, 0.3291)$

Have a look what the booklet for
Yxy(50.5244, 0.3294, 0.3291)
contains.

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Color

Yxy(50.5790, 0.3298, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	CCB8B8
RGB	204, 184, 184
RGB Percent	80%, 72%, 72%
CMY	0.2001, 0.2784, 0.2785
CMYK	0.00, 0.10, 0.10, 0.20
HSL	0°, 16%, 76%
HSV	0°, 10%, 80%
XYZ	50.6866, 50.5790, 52.4233
YIQ	189.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

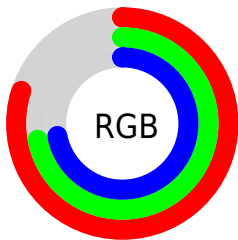
Format	Color
R _Y B	204, 184, 184
Decimal	13416632
CIE Lab	76.42, 7.09, 2.60
CIE LCh	76, 7.551, 20.115
Yxy	50.5790, 0.3298, 0.3291
Android (android.graphics.Color)	4291606712 (0xFFCCB8B8)
YUV	189.9800, -2.9481, 12.2955
Hunter-Lab	71.1189, 2.7592, 6.0793

Details

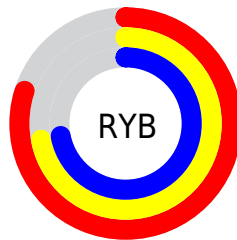
The Yxy color $50.5790, 0.3298, 0.3291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.6994, 0.2977, 0.3289$, and the grayscale version is $51.4914, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.8714, 0.3226, 0.3290$, and $24.3553, 0.3349, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $41.9292, 0.3516, 0.3292$, and if you desaturate by 10%, it is $60.5733, 0.3124, 0.3290$.

Distribution



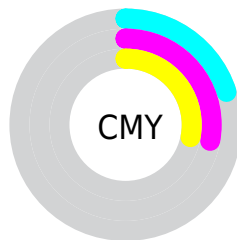
- Red (80%)
- Green (72%)
- Blue (72%)



- Red (80%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (20%)




- Cyan (20%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5790, 0.3298, 0.3291 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 50.5790, 0.3298, 0.3291 by changing the saturation by 10% instead.


 50.5790, 0.3298,
0.3291

 50.5790, 0.3298,
0.3291


388.9259, 0.3213,
0.3291

 35.8737, 0.3319,
0.3291


 91.0322, 0.3267,
0.3291

 24.3366, 0.3346,
0.3291


117.5488, 0.3256,
0.3291

 15.5835, 0.3381,
0.3290


148.7713, 0.3246,
0.3291

 9.2299, 0.3430,
0.3289

185.0841, 0.3238,
0.3291

 4.8915, 0.3502,
0.3287

226.8715, 0.3231,
0.3291

 2.1837, 0.3619,
0.3282

274.5180, 0.3224,

 0.7111, 0.3944,

0.3291

0.3303

328.4080, 0.3218,
0.3291

0.0000, 0.0000,
0.0000

50.5790, 0.3298,
0.3291

50.5790, 0.3298,
0.3291

41.9292, 0.3516,
0.3292

60.5733, 0.3124,
0.3290

34.5602, 0.3787,
0.3294

71.9588, 0.2985,
0.3289

28.4132, 0.4121,
0.3295

84.7886, 0.2873,
0.3288

23.4221, 0.4522,
0.3297

91.5740, 0.2827,
0.3289

19.5148, 0.4978,
0.3299

■ 16.6109, 0.5457,
0.3300

■ 14.6188, 0.5895,
0.3301

■ 13.4305, 0.6218,
0.3301

■ 12.8529, 0.6396,
0.3301

Harmonies

Analogous

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



50.5790, 0.3220, 0.3205



50.5790, 0.3298, 0.3291



50.5790, 0.3330, 0.3379

Triad

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



50.5790, 0.3298, 0.3291



50.5790, 0.3134, 0.3446



50.5790, 0.2951, 0.3135

Complementary

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



50.5790, 0.3298, 0.3291



57.6994, 0.2977, 0.3289

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.



50.5790, 0.2929, 0.3197



50.5790, 0.3298, 0.3291



50.5790, 0.3034, 0.3378

Square

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



50.5790, 0.3298, 0.3291



50.5790, 0.3234, 0.3470



50.5790, 0.2959, 0.3286



50.5790, 0.3019, 0.3115

Rectangle

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



50.5790, 0.3298, 0.3291



50.5790, 0.3320, 0.3426



50.5790, 0.2959, 0.3286



50.5790, 0.2938, 0.3151

Sweetspot

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



50.5812, 0.3298, 0.3291



94.7429, 0.3176, 0.3290



51.4623, 0.3138, 0.3052



19.9858, 0.3190, 0.3290



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.



50.5812, 0.3298, 0.3291



80.2255, 0.3345, 0.3291



54.8658, 0.3285, 0.3411



11.2175, 0.3290, 0.3291



8.0877, 0.6399, 0.3301



0.4186, 0.6393, 0.3306

Inverse Universe

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



57.6994, 0.2977, 0.3289



94.6094, 0.2943, 0.3289



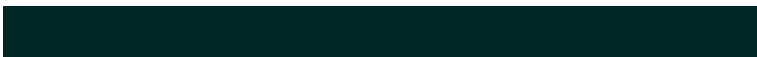
53.1178, 0.2976, 0.3166



12.7228, 0.2984, 0.3289



29.7969, 0.2245, 0.3281



1.5386, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 50.5790, 0.3298, 0.3291 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 50.5790, 0.3298, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

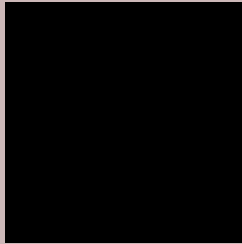
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5790, 0.3298, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 50.5790, 0.3298, 0.3291.



This preview shows how white text looks on a background with the Yxy color 50.5790, 0.3298, 0.3291.

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

50.5790, 0.3298, 0.3291

Protanopia

50.7181, 0.3176, 0.3315

Deuteranopia

50.3265, 0.3336, 0.3266



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.5790, 0.3298, 0.3291

Protanomaly

50.7792, 0.3218, 0.3315

Deuteranomaly

50.5931, 0.3325, 0.3278

Tritanomaly

50.6519, 0.3243, 0.3182

Monochromacy



Original Color

50.5790, 0.3298, 0.3291

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1994, 0.3185, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5790, 0.3298, 0.3291 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(204, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 184)  
}
```

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(204, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.5790, 0.3298, 0.3291 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(204, 184, 184) }
```

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

```
.border{ border-color:rgb(204, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5790, 0.3298, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 184) }
```

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

```
.background{ background-color: rgb(204,  
184, 184) }
```

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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