

Converting Colors

$Yxy(49.4662, 0.3316, 0.3289)$

Have a look what the booklet for
Yxy(49.4662, 0.3316, 0.3289)
contains.

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Color

Yxy(49.6707, 0.3317, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	CCB6B6
RGB	204, 182, 182
RGB Percent	80%, 71%, 71%
CMY	0.2002, 0.2862, 0.2863
CMYK	0.00, 0.11, 0.11, 0.20
HSL	0°, 18%, 76%
HSV	0°, 11%, 80%
XYZ	50.0631, 49.6707, 51.1951
YIQ	188.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

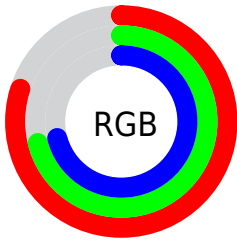
Format	Color
R _Y B	204, 182, 182
Decimal	13416118
CIE Lab	75.87, 7.82, 2.87
CIE LCh	76, 8.330, 20.160
Yxy	49.6707, 0.3317, 0.3291
Android (android.graphics.Color)	4291606198 (0xFFCCB6B6)
YUV	188.5780, -3.2430, 13.5251
Hunter-Lab	70.4774, 3.4606, 6.2657

Details

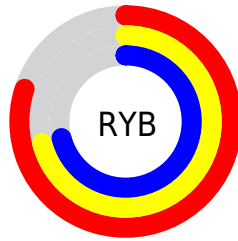
The Yxy color $49.6707, 0.3317, 0.3291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.4484, 0.2963, 0.3289$, and the grayscale version is $50.6468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.5821, 0.3241, 0.3290$, and $23.7695, 0.3377, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $41.1469, 0.3539, 0.3292$, and if you desaturate by 10%, it is $59.5342, 0.3139, 0.3290$.

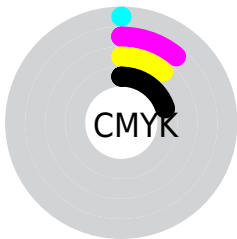
Distribution



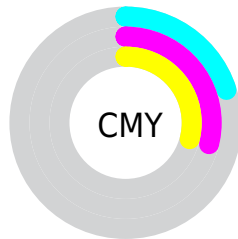
- Red (80%)
- Green (71%)
- Blue (71%)



- Red (80%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6707, 0.3317, 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 49.6707, 0.3317, 0.3291 by changing the saturation by 10% instead.

 49.6707, 0.3317,
0.3291

 49.6707, 0.3317,
0.3291


385.3768, 0.3223,
0.3291

 35.1518, 0.3340,
0.3291


 89.6868, 0.3283,
0.3291

 23.7798, 0.3370,
0.3290


115.9528, 0.3270,
0.3291

 15.1704, 0.3410,
0.3290


146.9032, 0.3259,
0.3291

 8.9391, 0.3465,
0.3288

182.9226, 0.3250,
0.3291

 4.7015, 0.3547,
0.3286

224.3952, 0.3242,
0.3291

 2.0732, 0.3680,
0.3280

271.7056, 0.3235,

 0.6495, 0.4115,

0.3291

0.3307

325.2379, 0.3228,
0.3291

0.0000, 0.0000,
0.0000

49.6707, 0.3317,
0.3291

49.6707, 0.3317,
0.3291

41.1469, 0.3539,
0.3292

59.5342, 0.3139,
0.3290

33.8988, 0.3816,
0.3293

70.7848, 0.2997,
0.3289

27.8672, 0.4157,
0.3295

83.4756, 0.2883,
0.3289

22.9853, 0.4564,
0.3297

91.5714, 0.2827,
0.3289

19.1802, 0.5025,
0.3298

■ 16.3705, 0.5503,
0.3299

■ 14.4634, 0.5933,
0.3300

■ 13.3483, 0.6241,
0.3300

■ 12.8391, 0.6400,
0.3301

Harmonies

Analogous

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



49.6707, 0.3230, 0.3196



49.6707, 0.3317, 0.3291



49.6707, 0.3352, 0.3388

Triad

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



49.6707, 0.3317, 0.3291



49.6707, 0.3135, 0.3463



49.6707, 0.2932, 0.3118

Complementary

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



49.6707, 0.3317, 0.3291



57.4484, 0.2963, 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.



49.6707, 0.2907, 0.3186



49.6707, 0.3317, 0.3291



49.6707, 0.3023, 0.3387

Square

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



49.6707, 0.3317, 0.3291



49.6707, 0.3246, 0.3490



49.6707, 0.2941, 0.3285



49.6707, 0.3008, 0.3096

Rectangle

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



49.6707, 0.3317, 0.3291



49.6707, 0.3341, 0.3441



49.6707, 0.2941, 0.3285



49.6707, 0.2917, 0.3136

Sweetspot

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



49.6729, 0.3317, 0.3291



94.7410, 0.3176, 0.3290



50.6382, 0.3139, 0.3028



19.9853, 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.



49.6729, 0.3317, 0.3291



78.7193, 0.3366, 0.3291



54.3352, 0.3301, 0.3424



11.2167, 0.3290, 0.3291



8.0862, 0.6399, 0.3301



0.4183, 0.6394, 0.3305

Inverse Universe

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



57.4484, 0.2963, 0.3289



94.2092, 0.2928, 0.3289



52.4277, 0.2961, 0.3153



12.7236, 0.2984, 0.3289



29.8213, 0.2245, 0.3282



1.5396, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 49.6707, 0.3317, 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 49.6707, 0.3317, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

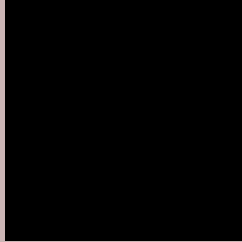
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6707, 0.3317, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 49.6707, 0.3317, 0.3291.



This preview shows how white text looks on a background with the Yxy color 49.6707, 0.3317, 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

49.6707, 0.3317, 0.3291

Protanopia

49.6549, 0.3185, 0.3315

Deuteranopia

49.6905, 0.3345, 0.3278



Tritanopia

49.6594, 0.3238, 0.3122

Trichromacy



Original Color

49.6707, 0.3317, 0.3291

Protanomaly

49.8526, 0.3236, 0.3315

Deuteranomaly

49.5470, 0.3336, 0.3278

Tritanomaly

49.7446, 0.3261, 0.3181

Monochromacy



Original Color

49.6707, 0.3317, 0.3291

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1323, 0.3194, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6707, 0.3317, 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, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 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(204, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.6707, 0.3317, 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, 182, 182) }
```

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

```
.border{ border-color:rgb(204, 182, 182) }
```

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

Here you see how a box with a 4 pixel rgb(204, 182, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6707, 0.3317, 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, 182, 182) }
```

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

```
.background{ background-color: rgb(204,  
182, 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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