

Converting Colors

$Y_{xy}(45.4500, 0.3316, 0.3285)$

Have a look what the booklet for
Yxy(45.4500, 0.3316, 0.3285)
contains.

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Color

Yxy(45.4909, 0.3315, 0.3291)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4AFAF |
| RGB | 196, 175, 175 |
| RGB Percent | 77%, 69%, 69% |
| CMY | 0.2315, 0.3136, 0.3138 |
| CMYK | 0.00, 0.11, 0.11, 0.23 |
| HSL | 0°, 15%, 73% |
| HSV | 0°, 11%, 77% |
| XYZ | 45.8226, 45.4909, 46.9147 |
| YIQ | 181.2790, 12.5160, 4.4520 |

Conversions

Conversions Part 2

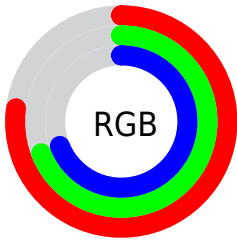
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 196, 175, 175 |
| Decimal | 12890031 |
| CIE Lab | 73.21, 7.52, 2.76 |
| CIE LCh | 73, 8.006, 20.155 |
| Yxy | 45.4909, 0.3315, 0.3291 |
| Android (android.graphics.Color) | 4291080111 (0xFFC4AFAF) |
| YUV | 181.2790, -3.0955, 12.9103 |
| Hunter-Lab | 67.4469, 3.2386, 5.9720 |

Details

The Yxy color $45.4909, 0.3315, 0.3291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.5384, 0.2965, 0.3289$, and the grayscale version is $46.3773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7476, 0.3285, 0.3300$, and $21.3468, 0.3363, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $37.7060, 0.3536, 0.3292$, and if you desaturate by 10%, it is $54.4945, 0.3138, 0.3290$.

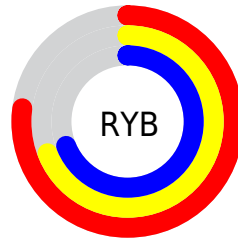
Distribution



Red (77%)

Green (69%)

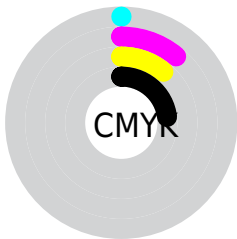
Blue (69%)



Red (77%)

Yellow (69%)

Blue (69%)

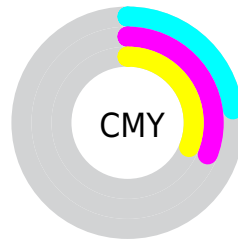


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4909, 0.3315, 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 45.4909, 0.3315, 0.3291 by changing the saturation by 10% instead.


 45.4909, 0.3315,
0.3291

 45.4909, 0.3315,
0.3291


368.7581, 0.3220,
0.3291

 31.8443, 0.3339,
0.3291


 83.4566, 0.3280,
0.3291

 21.2426, 0.3370,
0.3290


108.5444, 0.3267,
0.3291

 13.3014, 0.3411,
0.3290

138.2147, 0.3257,
0.3291

 7.6364, 0.3469,
0.3288

172.8520, 0.3247,
0.3291

 3.8632, 0.3558,
0.3285

212.8406, 0.3239,
0.3291

 1.5973, 0.3708,
0.3278

258.5649, 0.3232,

 0.3558, 0.4866,

0.3291

0.3319

310.4092, 0.3226,
0.3291

0.0000, 0.0000,
0.0000

45.4909, 0.3315,
0.3291

45.4909, 0.3315,
0.3291

37.7060, 0.3536,
0.3292

54.4945, 0.3138,
0.3290

31.0819, 0.3812,
0.3293

64.7597, 0.2997,
0.3289

25.5647, 0.4150,
0.3295

76.3346, 0.2883,
0.3289

21.0941, 0.4555,
0.3297

89.2631, 0.2790,
0.3288

17.6041, 0.5014,
0.3298

90.4697, 0.2783,
0.3289

■ 15.0210, 0.5491,
0.3299

■ 13.2609, 0.5922,
0.3300

■ 12.2243, 0.6234,
0.3300

■ 11.7372, 0.6400,
0.3301

Harmonies

Analogous

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



45.4909, 0.3229, 0.3197



45.4909, 0.3315, 0.3291



45.4909, 0.3350, 0.3387

Triad

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



45.4909, 0.3315, 0.3291



45.4909, 0.3135, 0.3461



45.4909, 0.2934, 0.3120

Complementary

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



45.4909, 0.3315, 0.3291



52.5384, 0.2965, 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.



45.4909, 0.2910, 0.3187



45.4909, 0.3315, 0.3291



45.4909, 0.3024, 0.3386

Square

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



45.4909, 0.3315, 0.3291



45.4909, 0.3244, 0.3488



45.4909, 0.2943, 0.3285



45.4909, 0.3009, 0.3098

Rectangle

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



45.4909, 0.3315, 0.3291



45.4909, 0.3339, 0.3440



45.4909, 0.2943, 0.3285



45.4909, 0.2919, 0.3138

Sweetspot

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



45.4929, 0.3315, 0.3291



94.7412, 0.3176, 0.3290



46.3673, 0.3139, 0.3030



19.9853, 0.3190, 0.3290



0.0000, 0.0000, 0.0000



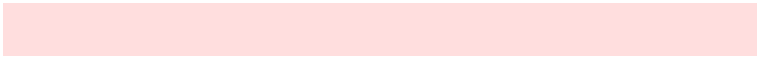
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.4929, 0.3315, 0.3291



78.7200, 0.3366, 0.3291



49.7191, 0.3300, 0.3422



10.0807, 0.3289, 0.3291



7.5469, 0.6399, 0.3301



0.3271, 0.6393, 0.3306

Inverse Universe

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



52.5384, 0.2965, 0.3289



94.2084, 0.2928, 0.3289



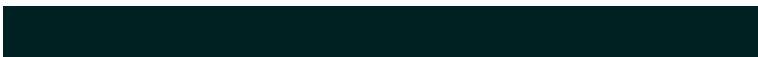
47.9906, 0.2963, 0.3154



11.4253, 0.2985, 0.3289



27.8292, 0.2245, 0.3282



1.2034, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 45.4909, 0.3315, 0.3291 looks on a white background.

Color Contrast Check

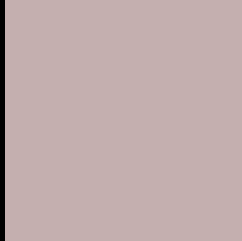
Large Text (above 18pt) WCAG AA × Fail

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 45.4909, 0.3315, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

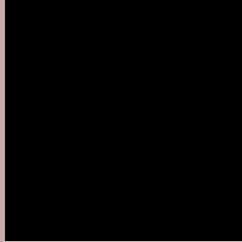
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4909, 0.3315, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 45.4909, 0.3315, 0.3291.



This preview shows how white text looks on a background with the Yxy color 45.4909, 0.3315, 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

45.4909, 0.3315, 0.3291

Protanopia

45.6049, 0.3187, 0.3316

Deuteranopia

45.5094, 0.3344, 0.3278



Tritanopia

45.4808, 0.3233, 0.3115

Trichromacy



Original Color

45.4909, 0.3315, 0.3291

Protanomaly

45.6667, 0.3231, 0.3316

Deuteranomaly

45.3730, 0.3335, 0.3278

Tritanomaly

45.5613, 0.3257, 0.3177

Monochromacy



Original Color

45.4909, 0.3315, 0.3291

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9340, 0.3188, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4909, 0.3315, 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(196, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 175)  
}
```

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, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.4909, 0.3315, 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(196, 175, 175) }
```

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

```
.border{ border-color:rgb(196, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4909, 0.3315, 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(196, 175, 175) }
```

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

```
.background{ background-color: rgb(196,  
175, 175) }
```

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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