

Converting Colors

$Yxy(44.5135, 0.3301, 0.3291)$

Have a look what the booklet for
Yxy(44.5135, 0.3301, 0.3291)
contains.

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Color

Yxy(44.6656, 0.3298, 0.3291)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C1AEAE |
| RGB | 193, 174, 174 |
| RGB Percent | 76%, 68%, 68% |
| CMY | 0.2433, 0.3176, 0.3177 |
| CMYK | 0.00, 0.10, 0.10, 0.24 |
| HSL | 0°, 13%, 72% |
| HSV | 0°, 10%, 76% |
| XYZ | 44.7606, 44.6656, 46.2942 |
| YIQ | 179.6810, 11.3240, 4.0280 |

Conversions

Conversions Part 2

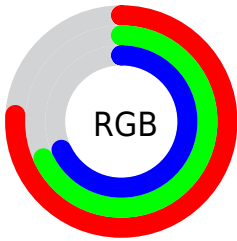
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 174, 174 |
| Decimal | 12693166 |
| CIELab | 72.67, 6.80, 2.49 |
| CIElCh | 73, 7.244, 20.115 |
| Yxy | 44.6656, 0.3298, 0.3291 |
| Android (android.graphics.Color) | 4290883246 (0xFFC1AEAE) |
| YUV | 179.6810, -2.8007, 11.6808 |
| Hunter-Lab | 66.8323, 2.5929, 5.7129 |

Details

The Yxy color $44.6656, 0.3298, 0.3291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.9535, 0.2977, 0.3289$, and the grayscale version is $45.4713, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0198, 0.3273, 0.3290$, and $20.8132, 0.3339, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $37.0529, 0.3515, 0.3292$, and if you desaturate by 10%, it is $53.4569, 0.3125, 0.3290$.

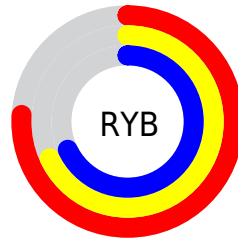
Distribution



Red (76%)

Green (68%)

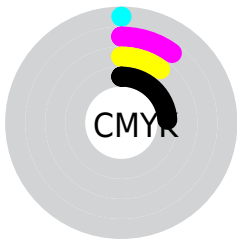
Blue (68%)



Red (76%)

Yellow (68%)

Blue (68%)

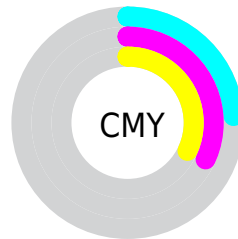


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6656, 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 44.6656, 0.3298, 0.3291 by changing the saturation by 10% instead.

 44.6656, 0.3298,
0.3291

 44.6656, 0.3298,
0.3291


365.4175, 0.3212,
0.3291

 31.1941, 0.3320,
0.3291

 82.2184, 0.3266,
0.3291

 20.7467, 0.3348,
0.3291


107.0685, 0.3255,
0.3291

 12.9390, 0.3386,
0.3290


136.4802, 0.3245,
0.3291

 7.3865, 0.3440,
0.3289

170.8380, 0.3236,
0.3291

 3.7050, 0.3522,
0.3286

210.5262, 0.3229,
0.3291

 1.5099, 0.3661,
0.3280

255.9293, 0.3222,

 0.2957, 0.5020,

0.3291

0.3320

307.4316, 0.3217,
0.3291

0.0000, 0.0000,
0.0000

44.6656, 0.3298,
0.3291

44.6656, 0.3298,
0.3291

37.0529, 0.3515,
0.3292

53.4569, 0.3125,
0.3290

30.5632, 0.3785,
0.3294

63.4677, 0.2986,
0.3289

25.1452, 0.4117,
0.3295

74.7442, 0.2874,
0.3288

20.7412, 0.4515,
0.3297

87.3285, 0.2783,
0.3288

17.2882, 0.4970,
0.3298

90.0735, 0.2768,
0.3289

■ 14.7161, 0.5447,
0.3300

■ 12.9454, 0.5885,
0.3301

■ 11.8819, 0.6211,
0.3301

■ 11.3497, 0.6397,
0.3301

Harmonies

Analogous

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



44.6656, 0.3220, 0.3205



44.6656, 0.3298, 0.3291



44.6656, 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.



44.6656, 0.3298, 0.3291



44.6656, 0.3134, 0.3446



44.6656, 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.



44.6656, 0.3298, 0.3291



50.9535, 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.



44.6656, 0.2929, 0.3197



44.6656, 0.3298, 0.3291



44.6656, 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.



44.6656, 0.3298, 0.3291



44.6656, 0.3234, 0.3470



44.6656, 0.2959, 0.3286



44.6656, 0.3019, 0.3115

Rectangle

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



44.6656, 0.3298, 0.3291



44.6656, 0.3320, 0.3426



44.6656, 0.2959, 0.3286



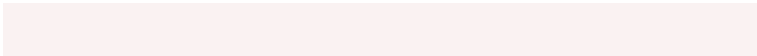
44.6656, 0.2938, 0.3151

Sweetspot

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



44.6676, 0.3298, 0.3291



90.4946, 0.3176, 0.3290



45.4456, 0.3138, 0.3052



19.1351, 0.3190, 0.3290



97.7402, 0.3127, 0.3290



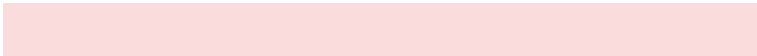
20.4902, 0.3127, 0.3290

Same Dimension

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



44.6676, 0.3298, 0.3291



76.6421, 0.3345, 0.3291



48.4512, 0.3285, 0.3411



10.0813, 0.3289, 0.3291



7.5482, 0.6399, 0.3301



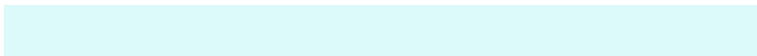
0.3274, 0.6392, 0.3307

Inverse Universe

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



50.9535, 0.2977, 0.3289



90.3669, 0.2943, 0.3289



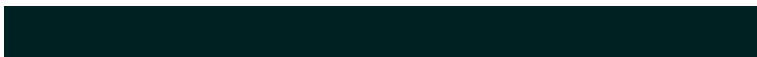
46.9076, 0.2976, 0.3166



11.4246, 0.2985, 0.3289



27.8086, 0.2245, 0.3281



1.2027, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 44.6656, 0.3298, 0.3291 looks on a white background.

Color Contrast Check

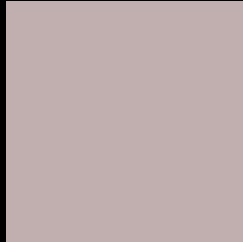
Large Text (above 18pt) WCAG AA × Fail

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 44.6656, 0.3298, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

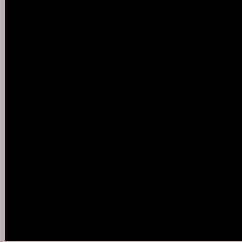
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6656, 0.3298, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 44.6656, 0.3298, 0.3291.



This preview shows how white text looks on a background with the Yxy color 44.6656, 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

44.6656, 0.3298, 0.3291

Protanopia

44.9205, 0.3178, 0.3317

Deuteranopia

44.8134, 0.3336, 0.3278



Tritanopia

44.6523, 0.3216, 0.3113

Trichromacy



Original Color

44.6656, 0.3298, 0.3291

Protanomaly

44.9785, 0.3223, 0.3316

Deuteranomaly

44.6789, 0.3327, 0.3278

Tritanomaly

44.7339, 0.3240, 0.3176

Monochromacy



Original Color

44.6656, 0.3298, 0.3291

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3694, 0.3188, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6656, 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(193, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 174)  
}
```

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(193, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.6656, 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(193, 174, 174) }
```

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

```
.border{ border-color:rgb(193, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6656, 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(193, 174, 174) }
```

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

```
.background{ background-color: rgb(193,  
174, 174) }
```

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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