

Converting Colors

$Yxy(45.6553, 0.3275, 0.3190)$

Have a look what the booklet for
Yxy(45.6553, 0.3275, 0.3190)
contains.

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Color

Yxy(45.6553, 0.3275, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	C6AEB6
RGB	198, 174, 182
RGB Percent	78%, 68%, 71%
CMY	0.2234, 0.3177, 0.2863
CMYK	0.00, 0.12, 0.08, 0.22
HSL	340°, 17%, 73%
HSV	340°, 12%, 78%
XYZ	46.8718, 45.6553, 50.5929
YIQ	182.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

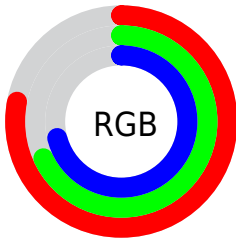
Format	Color
R _Y B	198, 174, 182
Decimal	13020854
CIE Lab	73.32, 10.02, -0.91
CIE LCh	73, 10.063, 354.837
Yxy	45.6553, 0.3275, 0.3190
Android (android.graphics.Color)	4291210934 (0xFFC6AEB6)
YUV	182.0880, -0.0434, 13.9548
Hunter-Lab	67.5687, 5.5787, 2.9039

Details

The Yxy color **45.6553, 0.3275, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1161, 0.2999, 0.3392**, and the grayscale version is **46.8270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0267, 0.3248, 0.3212**, and **21.4333, 0.3318, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **38.0410, 0.3427, 0.3102**, and if you desaturate by 10%, it is **54.4531, 0.3151, 0.3273**.

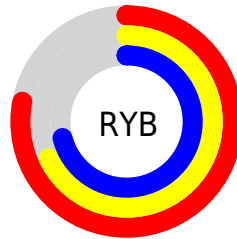
Distribution



Red (78%)

Green (68%)

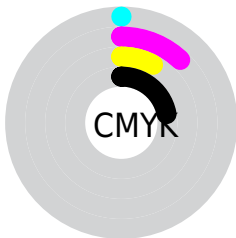
Blue (71%)



Red (78%)

Yellow (68%)

Blue (71%)

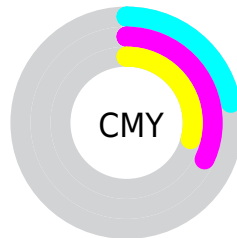


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6553, 0.3275, 0.3190 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 45.6553, 0.3275, 0.3190 by changing the saturation by 10% instead.


 45.6553, 0.3275,
0.3190

 45.6553, 0.3275,
0.3190

369.4211, 0.3201,
0.3240

 31.9739, 0.3294,
0.3177

 83.7029, 0.3248,
0.3208

 21.3416, 0.3317,
0.3161


108.8379, 0.3238,
0.3215

 13.3739, 0.3349,
0.3140


138.5595, 0.3229,
0.3221

 7.6865, 0.3394,
0.3110

173.2521, 0.3222,
0.3226

 3.8950, 0.3462,
0.3065

213.3002, 0.3216,
0.3230

 1.6150, 0.3574,
0.2991

259.0882, 0.3210,

 0.3677, 0.4168,

0.3234

0.2579

311.0003, 0.3205,
0.3237

0.0000, 0.0000,
0.0000

45.6553, 0.3275,
0.3190

45.6553, 0.3275,
0.3190

38.0410, 0.3427,
0.3102

54.4531, 0.3151,
0.3273

31.5537, 0.3612,
0.3012

64.4758, 0.3049,
0.3350

26.1409, 0.3835,
0.2924

75.7705, 0.2966,
0.3421

21.7440, 0.4100,
0.2844

88.3796, 0.2898,
0.3486

18.2984, 0.4403,
0.2783

90.3099, 0.2830,
0.3362

■ 15.7323, 0.4738,
0.2750

■ 90.7489, 0.2795,
0.3289

■ 13.9632, 0.5086,
0.2760

■ 12.8929, 0.5418,
0.2818

■ 12.4009, 0.5655,
0.2889

Harmonies

Analogous

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



45.6553, 0.3136, 0.3097



45.6553, 0.3275, 0.3190



45.6553, 0.3375, 0.3310

Triad

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



45.6553, 0.3275, 0.3190



45.6553, 0.3254, 0.3539



45.6553, 0.2855, 0.3144

Complementary

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



45.6553, 0.3275, 0.3190



53.1161, 0.2999, 0.3392

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.



45.6553, 0.2885, 0.3262



45.6553, 0.3275, 0.3190



45.6553, 0.3113, 0.3495

Square

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



45.6553, 0.3275, 0.3190



45.6553, 0.3362, 0.3512



45.6553, 0.2979, 0.3392



45.6553, 0.2896, 0.3068

Rectangle

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



45.6553, 0.3275, 0.3190



45.6553, 0.3405, 0.3390



45.6553, 0.2979, 0.3392



45.6553, 0.2857, 0.3180

Sweetspot

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



45.6573, 0.3275, 0.3190



93.2332, 0.3173, 0.3257



45.2987, 0.3072, 0.2988



19.6919, 0.3182, 0.3251



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.



45.6573, 0.3275, 0.3190



76.4408, 0.3319, 0.3163



46.9065, 0.3338, 0.3341



10.6942, 0.3238, 0.3213



8.0769, 0.5620, 0.2869



0.3959, 0.5025, 0.2542

Inverse Universe

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



45.6573, 0.3275, 0.3190



76.4408, 0.3319, 0.3163



51.6687, 0.2942, 0.3238



10.6942, 0.3238, 0.3213



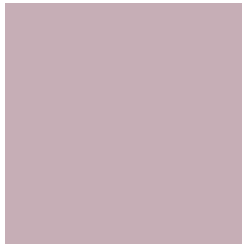
8.0769, 0.5620, 0.2869



0.3959, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 45.6553, 0.3275, 0.3190 looks on a white background.

Color Contrast Check

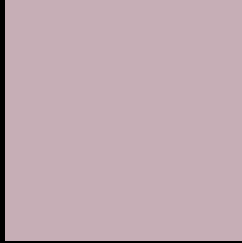
Large Text (above 18pt) WCAG AA × Fail

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 45.6553, 0.3275, 0.3190 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

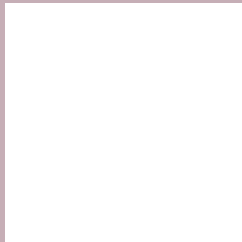
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6553, 0.3275, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 45.6553, 0.3275, 0.3190.



This preview shows how white text looks on a background with the Yxy color 45.6553, 0.3275, 0.3190.

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

45.6553, 0.3275, 0.3190

Protanopia

45.6881, 0.3105, 0.3212

Deuteranopia

45.9077, 0.3265, 0.3202



Tritanopia

45.6171, 0.3242, 0.3116

Trichromacy



Original Color

45.6553, 0.3275, 0.3190

Protanomaly

45.5963, 0.3166, 0.3200

Deuteranomaly

45.9077, 0.3265, 0.3202

Tritanomaly

45.5320, 0.3259, 0.3141

Monochromacy



Original Color

45.6553, 0.3275, 0.3190

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3090, 0.3181, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6553, 0.3275, 0.3190 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(198, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 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(198, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.6553, 0.3275, 0.3190 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(198, 174, 182) }
```

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

```
.border{ border-color:rgb(198, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6553, 0.3275, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 182) }
```

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

```
.background{ background-color: rgb(198,  
174, 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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