

Converting Colors

$Yxy(45.5696, 0.3188, 0.3083)$

Have a look what the booklet for
Yxy(45.5696, 0.3188, 0.3083)
contains.

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Color

Yxy(45.7256, 0.3189, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	C4AEBE
RGB	196, 174, 190
RGB Percent	77%, 68%, 75%
CMY	0.2315, 0.3176, 0.2548
CMYK	0.00, 0.11, 0.03, 0.23
HSL	316°, 16%, 73%
HSV	316°, 11%, 77%
XYZ	47.1906, 45.7256, 55.0631
YIQ	182.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

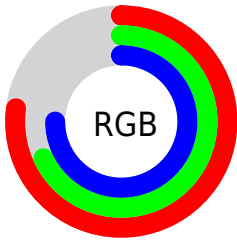
Format	Color
R _Y B	196, 174, 190
Decimal	12889790
CIE Lab	73.37, 10.72, -5.26
CIE LCh	73, 11.940, 333.857
Yxy	45.7256, 0.3189, 0.3090
Android (android.graphics.Color)	4291079870 (0xFFC4AEBE)
YUV	182.4020, 3.7458, 11.9254
Hunter-Lab	67.6207, 6.2339, -0.9450

Details

The Yxy color **45.7256, 0.3189, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7603, 0.3070, 0.3499**, and the grayscale version is **46.9854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1301, 0.3182, 0.3133**, and **21.4760, 0.3200, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **38.4710, 0.3254, 0.2904**, and if you desaturate by 10%, it is **54.0973, 0.3133, 0.3269**.

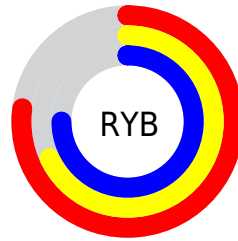
Distribution



Red (77%)

Green (68%)

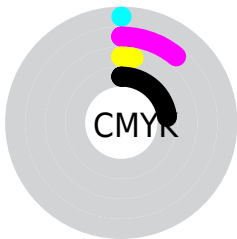
Blue (75%)



Red (77%)

Yellow (68%)

Blue (75%)

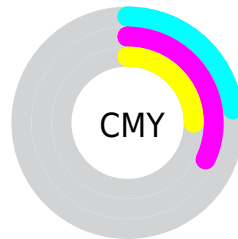


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7256, 0.3189, 0.3090 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 45.7256, 0.3189, 0.3090 by changing the saturation by 10% instead.


 45.7256, 0.3189,
0.3090

 45.7256, 0.3189,
0.3090


369.7044, 0.3159,
0.3189

 32.0293, 0.3196,
0.3066


 83.8082, 0.3178,
0.3126

 21.3839, 0.3206,
0.3035


108.9633, 0.3174,
0.3139

 13.4049, 0.3218,
0.2994


138.7068, 0.3171,
0.3151

 7.7080, 0.3235,
0.2937

173.4231, 0.3168,
0.3160

 3.9087, 0.3259,
0.2854

213.4967, 0.3165,
0.3169

 1.6226, 0.3298,
0.2719

259.3118, 0.3163,

 0.3728, 0.3495,

0.3176

0.2115

311.2529, 0.3161,
0.3183

0.0000, 0.0000,
0.0000

45.7256, 0.3189,
0.3090

45.7256, 0.3189,
0.3090

38.4710, 0.3254,
0.2904

54.0973, 0.3133,
0.3269

32.2799, 0.3330,
0.2716

63.6250, 0.3086,
0.3438

27.1031, 0.3415,
0.2532

74.3531, 0.3046,
0.3597

22.8851, 0.3511,
0.2360

86.3217, 0.3013,
0.3743

19.5652, 0.3615,
0.2210

88.2397, 0.2984,
0.3709

■ 17.0755, 0.3724,
0.2094

■ 88.5200, 0.2956,
0.3650

■ 15.3388, 0.3837,
0.2019

■ 88.8092, 0.2927,
0.3590

■ 14.2628, 0.3948,
0.1992

■ 89.1075, 0.2899,
0.3531

■ 13.7100, 0.4043,
0.2001

■ 89.4150, 0.2871,
0.3473

Harmonies

Analogous

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



45.7256, 0.3020, 0.3018



45.7256, 0.3189, 0.3090



45.7256, 0.3345, 0.3212

Triad

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



45.7256, 0.3189, 0.3090



45.7256, 0.3374, 0.3572



45.7256, 0.2822, 0.3210

Complementary

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



45.7256, 0.3189, 0.3090



51.7603, 0.3070, 0.3499

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.



45.7256, 0.2911, 0.3366



45.7256, 0.3189, 0.3090



45.7256, 0.3229, 0.3579

Square

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



45.7256, 0.3189, 0.3090



45.7256, 0.3453, 0.3488



45.7256, 0.3060, 0.3503



45.7256, 0.2811, 0.3082

Rectangle

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



45.7256, 0.3189, 0.3090



45.7256, 0.3419, 0.3308



45.7256, 0.3060, 0.3503



45.7256, 0.2843, 0.3261

Sweetspot

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



45.7276, 0.3189, 0.3090



95.0829, 0.3143, 0.3237



43.9491, 0.3002, 0.3006



20.0774, 0.3147, 0.3222



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.



45.7276, 0.3189, 0.3090



80.0775, 0.3201, 0.3053



45.2693, 0.3281, 0.3226



10.1994, 0.3178, 0.3124



8.8274, 0.4029, 0.1993



0.3924, 0.3807, 0.1871

Inverse Universe

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



45.7276, 0.3189, 0.3090



80.0775, 0.3201, 0.3053



52.2213, 0.2993, 0.3356



10.1994, 0.3178, 0.3124



8.8274, 0.4029, 0.1993



0.3924, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 45.7256, 0.3189, 0.3090 looks on a white background.

Color Contrast Check

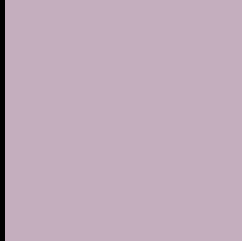
Large Text (above 18pt) WCAG AA × Fail

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 45.7256, 0.3189, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

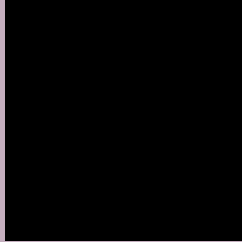
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7256, 0.3189, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 45.7256, 0.3189, 0.3090.



This preview shows how white text looks on a background with the Yxy color 45.7256, 0.3189, 0.3090.

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

45.7256, 0.3189, 0.3090

Protanopia

45.7938, 0.3026, 0.3109

Deuteranopia

45.7151, 0.3162, 0.3101



Tritanopia

45.6387, 0.3206, 0.3115

Trichromacy



Original Color

45.7256, 0.3189, 0.3090

Protanomaly

45.6892, 0.3085, 0.3098

Deuteranomaly

45.8470, 0.3171, 0.3102

Tritanomaly

45.6820, 0.3198, 0.3102

Monochromacy



Original Color

45.7256, 0.3189, 0.3090

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3078, 0.3148, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7256, 0.3189, 0.3090 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, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 190)  
}
```

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, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 190) }
```

Border

The CSS property to change the border of an element to Yxy 45.7256, 0.3189, 0.3090 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, 174, 190) }
```

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

```
.border{ border-color:rgb(196, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7256, 0.3189, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 190) }
```

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

```
.background{ background-color: rgb(196,  
174, 190) }
```

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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