

Converting Colors

$Yxy(44.9089, 0.3168, 0.3093)$

Have a look what the booklet for
Yxy(44.9089, 0.3168, 0.3093)
contains.

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Color

Yxy(44.7677, 0.3163, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	C0ADBD
RGB	192, 173, 189
RGB Percent	75%, 68%, 74%
CMY	0.2470, 0.3216, 0.2587
CMYK	0.00, 0.10, 0.02, 0.25
HSL	309°, 13%, 72%
HSV	309°, 10%, 75%
XYZ	45.8699, 44.7677, 54.3825
YIQ	180.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

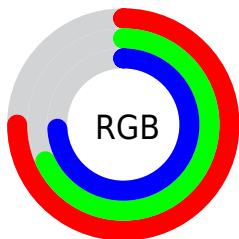
Format	Color
RYB	192, 173, 189
Decimal	12627389
CIELab	72.74, 9.70, -5.69
CIELCh	73, 11.242, 329.622
Yxy	44.7677, 0.3163, 0.3087
Android (android.graphics.Color)	4290817469 (0xFFC0ADBBD)
YUV	180.5050, 4.1880, 10.0811
Hunter-Lab	66.9087, 5.2821, -1.3541

Details

The Yxy color $44.7677, 0.3163, 0.3087$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.7189, 0.3093, 0.3502$, and the grayscale version is $45.9038, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0358, 0.3156, 0.3121$, and $20.8556, 0.3164, 0.3032$ is the 20% darker color. If you saturate the color by 10%, you get $37.7983, 0.3204, 0.2875$, and if you desaturate by 10%, it is $52.8019, 0.3127, 0.3292$.

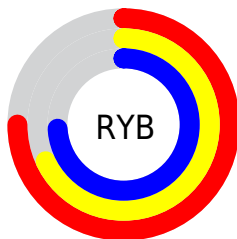
Distribution



Red (75%)

Green (68%)

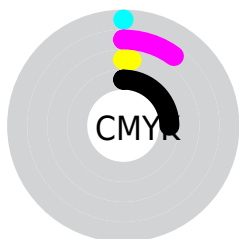
Blue (74%)



Red (75%)

Yellow (68%)

Blue (74%)

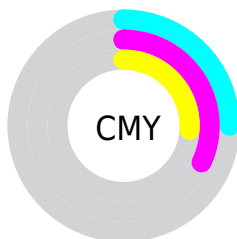


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7677, 0.3163, 0.3087 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 44.7677, 0.3163, 0.3087 by changing the saturation by 10% instead.


 44.7677, 0.3163,
0.3087

 44.7677, 0.3163,
0.3087

365.8319, 0.3146,
0.3188

 31.2745, 0.3167,
0.3062


 82.3717, 0.3157,
0.3123

 20.8080, 0.3172,
0.3030


107.2513, 0.3155,
0.3137

 12.9837, 0.3179,
0.2988


136.6951, 0.3152,
0.3149

 7.4173, 0.3188,
0.2930

171.0876, 0.3151,
0.3159

 3.7244, 0.3201,
0.2843

210.8132, 0.3149,
0.3167

 1.5206, 0.3221,
0.2703

256.2561, 0.3148,

 0.3032, 0.3374,

0.3175

0.1949

307.8009, 0.3147,
0.3182

■ 0.0000, 0.0000,
0.0000

■ 44.7677, 0.3163,
0.3087

■ 44.7677, 0.3163,
0.3087

■ 37.7983, 0.3204,
0.2875

■ 52.8019, 0.3127,
0.3292

■ 31.8429, 0.3251,
0.2662

■ 61.9372, 0.3096,
0.3487

■ 26.8553, 0.3303,
0.2453

■ 72.2156, 0.3069,
0.3669

■ 22.7834, 0.3359,
0.2259

■ 83.6749, 0.3046,
0.3838

■ 19.5702, 0.3417,
0.2088

■ 87.0896, 0.3029,
0.3856

■ 17.1525, 0.3478,
0.1950

■ 87.2354, 0.3012,
0.3821

■ 15.4580, 0.3538,
0.1853

■ 87.3840, 0.2996,
0.3787

■ 14.4018, 0.3595,
0.1800

■ 87.5353, 0.2980,
0.3752

■ 13.8186, 0.3650,
0.1785

■ 87.6896, 0.2964,
0.3718

Harmonies

Analogous

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



44.7677, 0.3004, 0.3027



44.7677, 0.3163, 0.3087



44.7677, 0.3315, 0.3198

Triad

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



44.7677, 0.3163, 0.3087



44.7677, 0.3376, 0.3550



44.7677, 0.2845, 0.3235

Complementary

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



44.7677, 0.3163, 0.3087



49.7189, 0.3093, 0.3502

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.



44.7677, 0.2940, 0.3383



44.7677, 0.3163, 0.3087



44.7677, 0.3245, 0.3568

Square

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



44.7677, 0.3163, 0.3087



44.7677, 0.3440, 0.3462



44.7677, 0.3086, 0.3506



44.7677, 0.2824, 0.3108

Rectangle

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



44.7677, 0.3163, 0.3087



44.7677, 0.3391, 0.3288



44.7677, 0.3086, 0.3506



44.7677, 0.2869, 0.3284

Sweetspot

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



44.7696, 0.3163, 0.3087



90.8724, 0.3138, 0.3228



42.9061, 0.2999, 0.3040



19.2371, 0.3141, 0.3212



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.



44.7696, 0.3163, 0.3087



78.0507, 0.3172, 0.3039



44.3754, 0.3242, 0.3205



10.2195, 0.3161, 0.3098



9.3038, 0.3644, 0.1781



0.4095, 0.3532, 0.1719

Inverse Universe

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



44.7696, 0.3163, 0.3087



78.0507, 0.3172, 0.3039



50.1029, 0.3025, 0.3377



10.2195, 0.3161, 0.3098



9.3038, 0.3644, 0.1781



0.4095, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 44.7677, 0.3163, 0.3087 looks on a white background.

Color Contrast Check

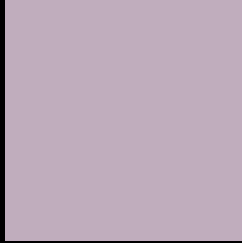
Large Text (above 18pt) WCAG AA × Fail

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 44.7677, 0.3163, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

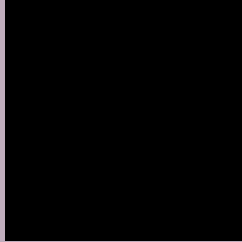
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7677, 0.3163, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 44.7677, 0.3163, 0.3087.



This preview shows how white text looks on a background with the Yxy color 44.7677, 0.3163, 0.3087.

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

44.7677, 0.3163, 0.3087

Protanopia

44.7150, 0.3017, 0.3094

Deuteranopia

44.6376, 0.3154, 0.3087



Tritanopia

44.6815, 0.3180, 0.3112

Trichromacy



Original Color

44.7677, 0.3163, 0.3087

Protanomaly

44.8795, 0.3067, 0.3096

Deuteranomaly

44.6376, 0.3154, 0.3087

Tritanomaly

44.7244, 0.3172, 0.3100

Monochromacy



Original Color

44.7677, 0.3163, 0.3087

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6158, 0.3139, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7677, 0.3163, 0.3087 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(192, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 189)  
}
```

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(192, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.7677, 0.3163, 0.3087 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(192, 173, 189) }
```

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

```
.border{ border-color:rgb(192, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7677, 0.3163, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 189) }
```

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

```
.background{ background-color: rgb(192,  
173, 189) }
```

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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