

Converting Colors

Yxy(47.9126, 0.4205, 0.5043)

Have a look what the booklet for
Yxy(47.9126, 0.4205, 0.5043)
contains.

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Color

Yxy(47.9033, 0.4202, 0.5045)

Conversions

Conversions Part 1

Format	Color
Hex	BFBE00
RGB	191, 190, 0
RGB Percent	75%, 75%, 0%
CMY	0.2510, 0.2549, 0.9990
CMYK	0.00, 0.01, 1.00, 0.25
HSL	60°, 100%, 37%
HSV	60°, 100%, 75%
XYZ	39.8988, 47.9033, 7.1499
YIQ	168.6390, 61.5860, -58.8780

Conversions

Conversions Part 2

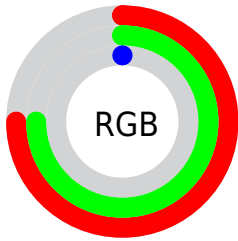
Format	Color
R _Y B	1, 191, 0
Decimal	12566016
CIE Lab	74.76, -16.85, 75.80
CIE LCh	75, 77.651, 102.529
Yxy	47.9033, 0.4202, 0.5045
Android (android.graphics.Color)	4290756096 (0xFFBFBE00)
YUV	168.6390, -83.1390, 19.6106
Hunter-Lab	69.2122, -18.2213, 42.3237

Details

The Yxy color **47.9033, 0.4202, 0.5045** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **3.7896, 0.1502, 0.0604**, and the grayscale version is **39.8989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0300, 0.4077, 0.4778**, and **22.8779, 0.4144, 0.5092** is the 20% darker color. If you saturate the color by 10%, you get **47.9044, 0.4202, 0.5045**, and if you desaturate by 10%, it is **47.9960, 0.4179, 0.5009**.

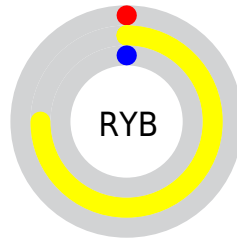
Distribution



Red (75%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (0%)

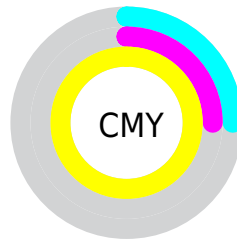


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9033, 0.4202, 0.5045 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 47.9033, 0.4202, 0.5045 by changing the saturation by 10% instead.


 47.9033, 0.4202,
0.5045


 47.9033, 0.4202,
0.5045


378.4087, 0.3768,
0.4234


 33.7503, 0.4261,
0.5203


 87.0604, 0.4079,
0.4780


 22.7019, 0.4308,
0.5374


 112.8333, 0.4022,
0.4670

 14.3735, 0.4361,
0.5601

 143.2483, 0.3969,
0.4574

 8.3809, 0.4277,
0.5723

 178.6898, 0.3921,
0.4489

 4.3396, 0.4126,
0.5874

 219.5422, 0.3878,
0.4414

 1.8653, 0.3874,
0.6126

 266.1899, 0.3838,

 0.5274, 0.1458,

0.4347

0.8542

319.0173, 0.3802,
0.4287

■ 0.0000, 0.0000,
0.0000

■ 47.9033, 0.4202,
0.5045

■ 47.9033, 0.4202,
0.5045

■ 47.9044, 0.4202,
0.5045

■ 47.9960, 0.4179,
0.5009

■ 48.1333, 0.4134,
0.4938

■ 48.3342, 0.4064,
0.4825

■ 48.6069, 0.3969,
0.4670

■ 48.9588, 0.3852,
0.4479

■ 49.3960, 0.3718,
0.4260

■ 49.9244, 0.3573,
0.4023

■ 50.5490, 0.3423,
0.3776

■ 51.2746, 0.3272,
0.3528

Harmonies

Analogous

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



47.9033, 0.4938, 0.4367



47.9033, 0.4202, 0.5045



47.9033, 0.3256, 0.5277

Triad

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



47.9033, 0.4202, 0.5045



47.9033, 0.1413, 0.2390



47.9033, 0.3762, 0.2353

Complementary

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



47.9033, 0.4202, 0.5045



3.7896, 0.1502, 0.0604

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.



47.9033, 0.2687, 0.1938



47.9033, 0.4202, 0.5045



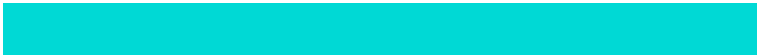
47.9033, 0.1499, 0.1897

Square

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



47.9033, 0.4202, 0.5045



47.9033, 0.1673, 0.3358



47.9033, 0.1912, 0.1773



47.9033, 0.4769, 0.2949

Rectangle

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



47.9033, 0.4202, 0.5045



47.9033, 0.2618, 0.4924



47.9033, 0.1912, 0.1773



47.9033, 0.3386, 0.2190

Sweetspot

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



47.9055, 0.4202, 0.5045



89.3619, 0.3582, 0.4038



11.0881, 0.6382, 0.3290



19.5308, 0.3645, 0.4140



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.



47.9055, 0.4202, 0.5045



85.7937, 0.4202, 0.5045



39.8997, 0.3388, 0.5691



11.1119, 0.3264, 0.3516



31.4893, 0.4202, 0.5046



1.2362, 0.4200, 0.5047

Inverse Universe

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



3.7896, 0.1502, 0.0604



6.7648, 0.1501, 0.0602



6.0647, 0.1990, 0.0871



9.2331, 0.2984, 0.3054



2.4898, 0.1501, 0.0604



0.1003, 0.1505, 0.0619

Previews

White Background



This preview shows how the Yxy color 47.9033, 0.4202, 0.5045 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 47.9033, 0.4202, 0.5045 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 47.9033, 0.4202, 0.5045

Background



This preview shows how black text looks on a background with the Yxy color 47.9033, 0.4202, 0.5045.



This preview shows how white text looks on a background with the Yxy color 47.9033, 0.4202, 0.5045.

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

47.9033, 0.4202, 0.5045

Protanopia

47.6909, 0.4414, 0.4878

Deuteranopia

47.5166, 0.4680, 0.4572



Tritanopia

47.8585, 0.3248, 0.3131

Trichromacy



Original Color

47.9033, 0.4202, 0.5045

Protanomaly

47.6744, 0.4340, 0.4936

Deuteranomaly

47.4412, 0.4510, 0.4749

Tritanomaly

46.9785, 0.3784, 0.4065

Monochromacy



Original Color

47.9033, 0.4202, 0.5045

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.8741, 0.3701, 0.4239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9033, 0.4202, 0.5045 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(191, 190, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 0)  
}
```

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(191, 190, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 0) }
```

Border

The CSS property to change the border of an element to Yxy 47.9033, 0.4202, 0.5045 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(191, 190, 0) }
```

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

```
.border{ border-color:rgb(191, 190, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 190, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 190, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 190, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 190,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9033, 0.4202, 0.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 0) }
```

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

```
.background{ background-color: rgb(191,  
190, 0) }
```

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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