

Converting Colors

Yxy(47.0546, 0.4192, 0.5050)

Have a look what the booklet for
Yxy(47.0546, 0.4192, 0.5050)
contains.

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Color

Yxy(47.2162, 0.4192, 0.5051)

Conversions

Conversions Part 1

Format	Color
Hex	BDBD01
RGB	189, 189, 1
RGB Percent	74%, 74%, 0%
CMY	0.2589, 0.2588, 0.9961
CMYK	0.00, 0.00, 0.99, 0.26
HSL	60°, 99%, 37%
HSV	60°, 99%, 74%
XYZ	39.1864, 47.2162, 7.0764
YIQ	167.5680, 60.3480, -58.4680

Conversions

Conversions Part 2

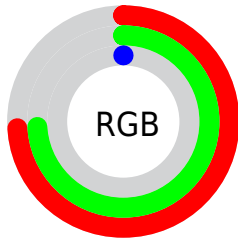
Format	Color
RYB	1, 189, 1
Decimal	12434689
CIELab	74.33, -17.21, 75.33
CIELCh	74, 77.268, 102.868
Yxy	47.2162, 0.4192, 0.5051
Android (android.graphics.Color)	4290624769 (0xFFBDBD01)
YUV	167.5680, -82.1180, 18.7959
Hunter-Lab	68.7140, -18.4543, 41.9940

Details

The Yxy color **47.2162, 0.4192, 0.5051** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **3.7028, 0.1503, 0.0604**, and the grayscale version is **39.3230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0537, 0.4068, 0.4780**, and **22.4336, 0.4131, 0.5102** is the 20% darker color. If you saturate the color by 10%, you get **47.2162, 0.4193, 0.5053**, and if you desaturate by 10%, it is **47.2667, 0.4169, 0.5013**.

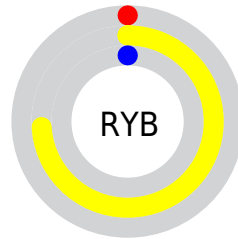
Distribution



Red (74%)

Green (74%)

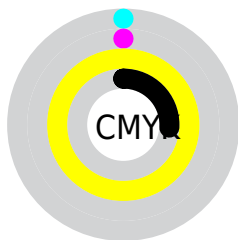
Blue (0%)



Red (0%)

Yellow (74%)

Blue (0%)

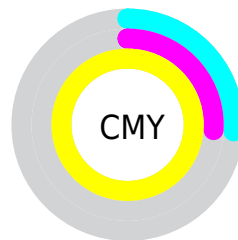


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2162, 0.4192, 0.5051 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 47.2162, 0.4192, 0.5051 by changing the saturation by 10% instead.


 47.2162, 0.4192,
0.5051


 47.2162, 0.4192,
0.5051

375.6769, 0.3762,
0.4233


 33.2066, 0.4251,
0.5211


 86.0363, 0.4070,
0.4783

 22.2848, 0.4296,
0.5386


 111.6155, 0.4013,
0.4672

 14.0663, 0.4350,
0.5620


 141.8201, 0.3961,
0.4575

 8.1668, 0.4259,
0.5741

 177.0344, 0.3914,
0.4490

 4.2019, 0.4101,
0.5899

 217.6428, 0.3870,
0.4414

 1.7871, 0.3836,
0.6164

 264.0298, 0.3831,

 0.4791, 0.0687,

0.4347

0.9313

316.5797, 0.3795,
0.4287

■ 0.0000, 0.0000,
0.0000

■ 47.2162, 0.4192,
0.5051

■ 47.2162, 0.4192,
0.5051

■ 47.2162, 0.4193,
0.5053

■ 47.2667, 0.4169,
0.5013

■ 47.3621, 0.4125,
0.4940

■ 47.5197, 0.4055,
0.4825

■ 47.7478, 0.3960,
0.4668

■ 48.0533, 0.3844,
0.4475

■ 48.4424, 0.3711,
0.4255

■ 48.9205, 0.3566,
0.4016

■ 49.4927, 0.3416,
0.3768

■ 50.1636, 0.3266,
0.3520

Harmonies

Analogous

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



47.2162, 0.4932, 0.4376



47.2162, 0.4192, 0.5051



47.2162, 0.3245, 0.5275

Triad

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



47.2162, 0.4192, 0.5051



47.2162, 0.1413, 0.2382



47.2162, 0.3775, 0.2359

Complementary

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



47.2162, 0.4192, 0.5051



3.7028, 0.1503, 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.



47.2162, 0.2698, 0.1941



47.2162, 0.4192, 0.5051



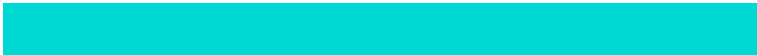
47.2162, 0.1502, 0.1894

Square

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



47.2162, 0.4192, 0.5051



47.2162, 0.1668, 0.3345



47.2162, 0.1919, 0.1774



47.2162, 0.4777, 0.2957

Rectangle

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



47.2162, 0.4192, 0.5051



47.2162, 0.2607, 0.4914



47.2162, 0.1919, 0.1774



47.2162, 0.3398, 0.2195

Sweetspot

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



47.2184, 0.4192, 0.5051



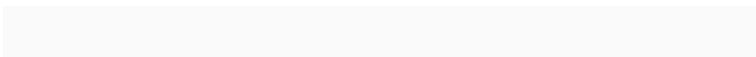
87.5126, 0.3581, 0.4041



10.8439, 0.6392, 0.3300



18.7388, 0.3643, 0.4142



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



47.2184, 0.4192, 0.5051



84.5542, 0.4193, 0.5053



38.8348, 0.3368, 0.5705



11.1205, 0.3264, 0.3517



31.7648, 0.4193, 0.5053



1.2443, 0.4193, 0.5053

Inverse Universe

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



3.7028, 0.1503, 0.0604



6.5806, 0.1500, 0.0600



6.1293, 0.2027, 0.0893



9.2255, 0.2984, 0.3053



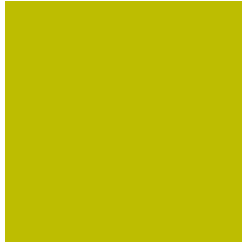
2.4722, 0.1500, 0.0600



0.0969, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 47.2162, 0.4192, 0.5051 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 47.2162, 0.4192, 0.5051 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 47.2162, 0.4192, 0.5051

Background



This preview shows how black text looks on a background with the Yxy color 47.2162, 0.4192, 0.5051.



This preview shows how white text looks on a background with the Yxy color 47.2162, 0.4192, 0.5051.

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

47.2162, 0.4192, 0.5051

Protanopia

46.9888, 0.4406, 0.4884

Deuteranopia

46.9648, 0.4682, 0.4570



Tritanopia

47.1423, 0.3240, 0.3130

Trichromacy



Original Color

47.2162, 0.4192, 0.5051

Protanomaly

46.9773, 0.4332, 0.4943

Deuteranomaly

46.8861, 0.4512, 0.4747

Tritanomaly

46.2985, 0.3770, 0.4059

Monochromacy



Original Color

47.2162, 0.4192, 0.5051

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

41.3423, 0.3704, 0.4244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2162, 0.4192, 0.5051 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(189, 189, 1)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 1)  
}
```

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(189, 189, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 1) }
```

Border

The CSS property to change the border of an element to Yxy 47.2162, 0.4192, 0.5051 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(189, 189, 1) }
```

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

```
.border{ border-color:rgb(189, 189, 1) }
```

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

Here you see how a box with a 4 pixel rgb(189, 189, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 1);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
1) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2162, 0.4192, 0.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 1) }
```

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

```
.background{ background-color: rgb(189,  
189, 1) }
```

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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