

Converting Colors

Yxy(52.4892, 0.4401, 0.4804)

Have a look what the booklet for
Yxy(52.4892, 0.4401, 0.4804)
contains.

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Color

Yxy(52.4055, 0.4403, 0.4802)

Conversions

Conversions Part 1

Format	Color
Hex	DBBF1C
RGB	219, 191, 28
RGB Percent	86%, 75%, 11%
CMY	0.1412, 0.2509, 0.8905
CMYK	0.00, 0.13, 0.87, 0.14
HSL	51°, 77%, 48%
HSV	51°, 87%, 86%
XYZ	48.0511, 52.4055, 8.6760
YIQ	180.7900, 69.0110, -44.7570

Conversions

Conversions Part 2

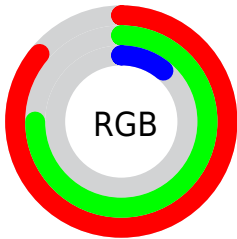
Format	Color
RYB	61, 219, 28
Decimal	14401308
CIELab	77.52, -4.80, 75.18
CIELCh	78, 75.336, 93.654
Yxy	52.4055, 0.4403, 0.4802
Android (android.graphics.Color)	4292591388 (0xFFDDBBF1C)
YUV	180.7900, -75.3255, 33.5102
Hunter-Lab	72.3916, -8.2032, 43.5683

Details

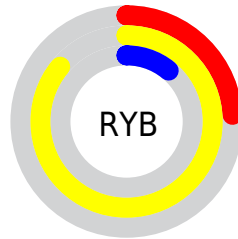
The Yxy color **52.4055, 0.4403, 0.4802** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **8.1791, 0.1618, 0.0902**, and the grayscale version is **46.4725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5718, 0.4058, 0.4700**, and **25.5479, 0.4443, 0.4854** is the 20% darker color. If you saturate the color by 10%, you get **50.9541, 0.4466, 0.4822**, and if you desaturate by 10%, it is **53.9676, 0.4312, 0.4737**.

Distribution



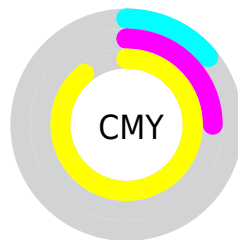
- Red (86%)
- Green (75%)
- Blue (11%)



- Red (24%)
- Yellow (86%)
- Blue (11%)



- Cyan (0%)
- Magenta (13%)
- Yellow (87%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4055, 0.4403, 0.4802 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 52.4055, 0.4403, 0.4802 by changing the saturation by 10% instead.


 52.4055, 0.4403,
0.4802


 52.4055, 0.4403,
0.4802


396.0001, 0.3863,
0.4139

 37.3284, 0.4493,
0.4922


 93.7290, 0.4238,
0.4593

 25.4619, 0.4582,
0.5047


 120.7442, 0.4167,
0.4505


 16.4215, 0.4670,
0.5181


 152.5075, 0.4102,
0.4426

 9.8229, 0.4716,
0.5284

 189.4033, 0.4044,
0.4356

 5.2817, 0.4679,
0.5321

 231.8161, 0.3992,
0.4293

 2.4135, 0.4620,
0.5380

 280.1303, 0.3945,

 0.8328, 0.4474,

0.4236

0.5526

334.7301, 0.3902,
0.4185

0.0000, 0.0000,
0.0000

52.4055, 0.4403,
0.4802

52.4055, 0.4403,
0.4802

50.9541, 0.4466,
0.4822

53.9676, 0.4312,
0.4737

50.5654, 0.4481,
0.4824

55.6482, 0.4194,
0.4628

57.4615, 0.4053,
0.4478

59.4173, 0.3896,
0.4296

61.5244, 0.3730,
0.4092

■ 63.7908, 0.3561,
0.3876

■ 66.2237, 0.3395,
0.3657

■ 68.8299, 0.3236,
0.3441

■ 71.6157, 0.3087,
0.3234

Harmonies

Analogous

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



52.4055, 0.4986, 0.4131



52.4055, 0.4403, 0.4802



52.4055, 0.3542, 0.5173

Triad

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



52.4055, 0.4403, 0.4802



52.4055, 0.1528, 0.2670



52.4055, 0.3415, 0.2258

Complementary

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



52.4055, 0.4403, 0.4802



8.1791, 0.1618, 0.0902

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.



52.4055, 0.2459, 0.1925



52.4055, 0.4403, 0.4802



52.4055, 0.1514, 0.2065

Square

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



52.4055, 0.4403, 0.4802



52.4055, 0.1895, 0.3703



52.4055, 0.1818, 0.1846



52.4055, 0.4432, 0.2792

Rectangle

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



52.4055, 0.4403, 0.4802



52.4055, 0.2921, 0.5014



52.4055, 0.1818, 0.1846



52.4055, 0.3070, 0.2121

Sweetspot

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



52.4080, 0.4403, 0.4802



90.4019, 0.3544, 0.3854



16.1769, 0.5852, 0.3119



19.1030, 0.3603, 0.3930



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.



52.4080, 0.4403, 0.4802



71.2246, 0.4483, 0.4822



57.4285, 0.3630, 0.5413



14.9219, 0.3270, 0.3488



30.1116, 0.4476, 0.4828



2.0413, 0.4423, 0.4870

Inverse Universe

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



8.1791, 0.1618, 0.0902



8.5646, 0.1528, 0.0699



8.3631, 0.1905, 0.0890



12.9233, 0.2981, 0.3084



3.7449, 0.1535, 0.0724



0.3424, 0.1604, 0.0973

Previews

White Background



This preview shows how the Yxy color 52.4055, 0.4403, 0.4802 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 52.4055, 0.4403, 0.4802 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 52.4055, 0.4403, 0.4802

Background



This preview shows how black text looks on a background with the Yxy color 52.4055, 0.4403, 0.4802.

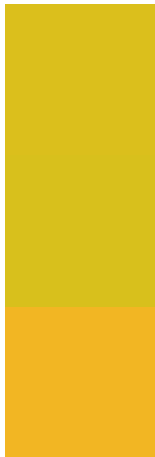


This preview shows how white text looks on a background with the Yxy color 52.4055, 0.4403, 0.4802.

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

52.4055, 0.4403, 0.4802

Protanopia

52.3820, 0.4368, 0.4829

Deuteranopia

52.4545, 0.4666, 0.4562



Tritanopia

52.4254, 0.3476, 0.3144

Trichromacy



Original Color

52.4055, 0.4403, 0.4802

Protanomaly

52.5348, 0.4376, 0.4823

Deuteranomaly

52.2946, 0.4578, 0.4645

Tritanomaly

51.7017, 0.3938, 0.3881

Monochromacy



Original Color

52.4055, 0.4403, 0.4802

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.7807, 0.3702, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4055, 0.4403, 0.4802 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(219, 191, 28)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 28)  
}
```

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(219, 191, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 28) }
```

Border

The CSS property to change the border of an element to Yxy 52.4055, 0.4403, 0.4802 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(219, 191, 28) }
```

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

```
.border{ border-color:rgb(219, 191, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 28);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4055, 0.4403, 0.4802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 28) }
```

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

```
.background{ background-color: rgb(219,  
191, 28) }
```

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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