

Converting Colors

Yxy(51.9048, 0.4414, 0.4855)

Have a look what the booklet for
Yxy(51.9048, 0.4414, 0.4855)
contains.

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Color

Yxy(52.0352, 0.4413, 0.4855)

Conversions

Conversions Part 1

Format	Color
Hex	D9BF0A
RGB	217, 191, 10
RGB Percent	85%, 75%, 4%
CMY	0.1491, 0.2509, 0.9597
CMYK	0.00, 0.12, 0.95, 0.15
HSL	52°, 91%, 45%
HSV	52°, 95%, 85%
XYZ	47.2979, 52.0352, 7.8455
YIQ	178.1400, 73.5970, -50.7790

Conversions

Conversions Part 2

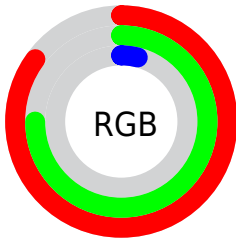
Format	Color
R _Y B	40, 217, 10
Decimal	14270218
CIE Lab	77.30, -5.94, 77.64
CIE LCh	77, 77.868, 94.376
Yxy	52.0352, 0.4413, 0.4855
Android (android.graphics.Color)	4292460298 (0xFFD9BF0A)
YUV	178.1400, -82.8930, 34.0802
Hunter-Lab	72.1354, -9.1977, 44.0464

Details

The Yxy color **52.0352, 0.4413, 0.4855** 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 **6.3519, 0.1549, 0.0740**, and the grayscale version is **45.0345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4374, 0.4089, 0.4749**, and **25.3451, 0.4420, 0.4872** is the 20% darker color. If you saturate the color by 10%, you get **51.4544, 0.4436, 0.4860**, and if you desaturate by 10%, it is **53.3196, 0.4352, 0.4823**.

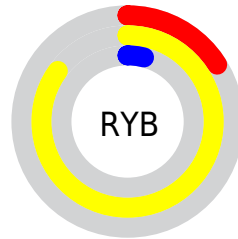
Distribution



Red (85%)

Green (75%)

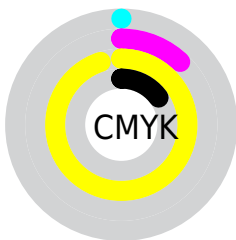
Blue (4%)



Red (16%)

Yellow (85%)

Blue (4%)

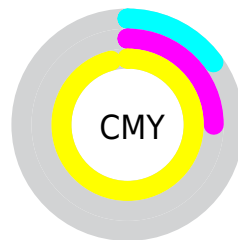


Cyan (0%)

Magenta (12%)

Yellow (95%)

Black (15%)



Cyan (15%)


Magenta (25%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0352, 0.4413, 0.4855 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 52.0352, 0.4413, 0.4855 by changing the saturation by 10% instead.


 52.0352, 0.4413,
0.4855


 52.0352, 0.4413,
0.4855


394.5725, 0.3877,
0.4173

 37.0331, 0.4499,
0.4976


 93.1832, 0.4253,
0.4642


 25.2331, 0.4580,
0.5101

 120.0978, 0.4182,
0.4551


 16.2508, 0.4667,
0.5245


 151.7522, 0.4118,
0.4469

 9.7018, 0.4677,
0.5323

 188.5305, 0.4059,
0.4397

 5.2017, 0.4631,
0.5369

 230.8174, 0.4007,
0.4332

 2.3661, 0.4557,
0.5443

 278.9970, 0.3959,

 0.8084, 0.4354,

0.4273

0.5646

333.4539, 0.3916,
0.4220

■ 0.0000, 0.0000,
0.0000

■ 52.0352, 0.4413,
0.4855

■ 52.0352, 0.4413,
0.4855

■ 51.4544, 0.4436,
0.4860

■ 53.3196, 0.4352,
0.4823

■ 54.7012, 0.4262,
0.4747

■ 56.1959, 0.4146,
0.4626

■ 57.8146, 0.4007,
0.4467

■ 59.5665, 0.3853,
0.4277

■ 61.4601, 0.3690,
0.4066

■ 63.5028, 0.3525,
0.3845

■ 65.7017, 0.3362,
0.3621

■ 68.0631, 0.3206,
0.3402

Harmonies

Analogous

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



52.0352, 0.5031, 0.4159



52.0352, 0.4413, 0.4855



52.0352, 0.3521, 0.5243

Triad

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



52.0352, 0.4413, 0.4855



52.0352, 0.1479, 0.2624



52.0352, 0.3449, 0.2239

Complementary

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



52.0352, 0.4413, 0.4855



6.3519, 0.1549, 0.0740

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.



52.0352, 0.2456, 0.1893



52.0352, 0.4413, 0.4855



52.0352, 0.1475, 0.2017

Square

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



52.0352, 0.4413, 0.4855



52.0352, 0.1841, 0.3685



52.0352, 0.1792, 0.1804



52.0352, 0.4500, 0.2788

Rectangle

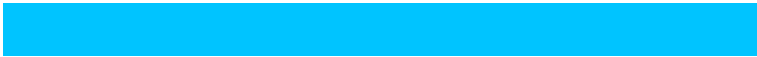
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0352, 0.4413, 0.4855



52.0352, 0.2884, 0.5072



52.0352, 0.1792, 0.1804



52.0352, 0.3091, 0.2098

Sweetspot

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



52.0377, 0.4413, 0.4855



90.3329, 0.3591, 0.3934



15.1108, 0.6135, 0.3189



19.0660, 0.3662, 0.4029



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.



52.0377, 0.4413, 0.4855



74.0151, 0.4438, 0.4858



55.3177, 0.3578, 0.5516



14.9701, 0.3270, 0.3493



31.2614, 0.4432, 0.4863



2.1051, 0.4387, 0.4898

Inverse Universe

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



6.3519, 0.1549, 0.0740



8.2551, 0.1521, 0.0676



7.2136, 0.1834, 0.0803



12.8795, 0.2981, 0.3079



3.5983, 0.1528, 0.0699



0.3217, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 52.0352, 0.4413, 0.4855 looks on a white background.

Color Contrast Check

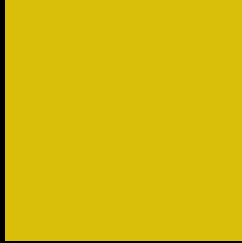
Large Text (above 18pt) WCAG AA × Fail

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 52.0352, 0.4413, 0.4855 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 52.0352, 0.4413, 0.4855

Background



This preview shows how black text looks on a background with the Yxy color 52.0352, 0.4413, 0.4855.



This preview shows how white text looks on a background with the Yxy color 52.0352, 0.4413, 0.4855.

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

52.0352, 0.4413, 0.4855

Protanopia

52.3224, 0.4394, 0.4868

Deuteranopia

51.8187, 0.4691, 0.4589



Tritanopia

52.0964, 0.3458, 0.3143

Trichromacy



Original Color

52.0352, 0.4413, 0.4855

Protanomaly

52.3224, 0.4394, 0.4868

Deuteranomaly

51.9042, 0.4586, 0.4690

Tritanomaly

51.1949, 0.3978, 0.3964

Monochromacy



Original Color

52.0352, 0.4413, 0.4855

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.3578, 0.3746, 0.4146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0352, 0.4413, 0.4855 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(217, 191, 10)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 10)  
}
```

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(217, 191, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 10) }
```

Border

The CSS property to change the border of an element to Yxy 52.0352, 0.4413, 0.4855 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(217, 191, 10) }
```

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

```
.border{ border-color:rgb(217, 191, 10) }
```

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

Here you see how a box with a 4 pixel rgb(217, 191, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 10);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0352, 0.4413, 0.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 10) }
```

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

```
.background{ background-color: rgb(217,  
191, 10) }
```

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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