

Converting Colors

Yxy(52.9326, 0.4715, 0.4628)

Have a look what the booklet for
Yxy(52.9326, 0.4715, 0.4628)
contains.

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Color

Yxy(52.9326, 0.4715, 0.4628)

Conversions

Conversions Part 1

Format	Color
Hex	F3B705
RGB	243, 183, 5
RGB Percent	95%, 72%, 2%
CMY	0.0470, 0.2824, 0.9808
CMYK	0.00, 0.25, 0.98, 0.05
HSL	45°, 96%, 49%
HSV	45°, 98%, 95%
XYZ	53.9277, 52.9326, 7.5144
YIQ	180.6480, 92.8980, -42.6380

Conversions

Conversions Part 2

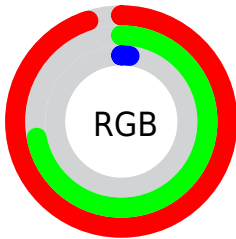
Format	Color
R_{YB}	85, 243, 5
Decimal	15972101
CIE _{Lab}	77.84, 9.47, 79.75
CIE _{LCh}	78, 80.308, 83.229
Yxy	52.9326, 0.4715, 0.4628
Android (android.graphics.Color)	4294162181 (0xFFFF3B705)
YUV	180.6480, -86.5945, 54.6827
Hunter-Lab	72.7548, 4.9877, 44.8046

Details

The Yxy color **52.9326, 0.4715, 0.4628** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **10.2735, 0.1587, 0.0899**, and the grayscale version is **46.4425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6331, 0.4141, 0.4699**, and **25.7890, 0.4796, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **52.4189, 0.4733, 0.4624**, and if you desaturate by 10%, it is **55.5963, 0.4618, 0.4633**.

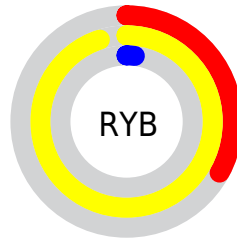
Distribution



Red (95%)

Green (72%)

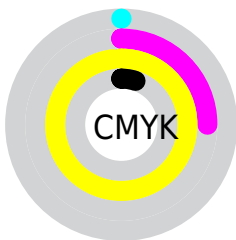
Blue (2%)



Red (33%)

Yellow (95%)

Blue (2%)

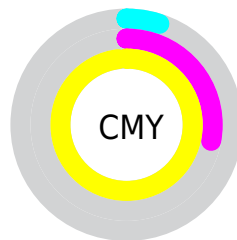


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (5%)



Cyan (5%)


Magenta (28%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9326, 0.4715, 0.4628 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 52.9326, 0.4715, 0.4628 by changing the saturation by 10% instead.


 52.9326, 0.4715,
0.4628


 52.9326, 0.4715,
0.4628


398.0265, 0.4034,
0.4096

 37.7490, 0.4833,
0.4705


 94.5052, 0.4505,
0.4475

 25.7879, 0.4955,
0.4774


 121.6629, 0.4415,
0.4406

 16.6650, 0.5098,
0.4846


 153.5808, 0.4333,
0.4342

 9.9960, 0.5173,
0.4827

 190.6433, 0.4260,
0.4283

 5.3963, 0.5240,
0.4760

 233.2347, 0.4195,
0.4230

 2.4816, 0.5344,
0.4656

 281.7394, 0.4136,

 0.8674, 0.5533,

0.4181

0.4467

336.5419, 0.4083,
0.4137

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9326, 0.4715,
0.4628

■ 52.9326, 0.4715,
0.4628

■ 52.4189, 0.4733,
0.4624

■ 55.5963, 0.4618,
0.4633

■ 58.4616, 0.4491,
0.4591

■ 61.5532, 0.4336,
0.4500

■ 64.8873, 0.4160,
0.4368

■ 68.4781, 0.3973,
0.4204

■ 72.3378, 0.3783,
0.4021

■ 76.4780, 0.3596,
0.3826

■ 80.9090, 0.3417,
0.3630

■ 85.6406, 0.3251,
0.3438

Harmonies

Analogous

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



52.9326, 0.5182, 0.3892



52.9326, 0.4715, 0.4628



52.9326, 0.3877, 0.5210

Triad

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



52.9326, 0.4715, 0.4628



52.9326, 0.1536, 0.2958



52.9326, 0.3047, 0.2059

Complementary

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



52.9326, 0.4715, 0.4628



10.2735, 0.1587, 0.0899

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.



52.9326, 0.2146, 0.1801



52.9326, 0.4715, 0.4628



52.9326, 0.1407, 0.2163

Square

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



52.9326, 0.4715, 0.4628



52.9326, 0.2049, 0.4166



52.9326, 0.1607, 0.1815



52.9326, 0.4158, 0.2550

Rectangle

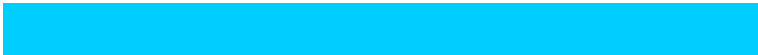
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9326, 0.4715, 0.4628



52.9326, 0.3233, 0.5274



52.9326, 0.1607, 0.1815



52.9326, 0.2710, 0.1945

Sweetspot

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



52.9352, 0.4715, 0.4628



84.7974, 0.3616, 0.3848



19.5863, 0.5861, 0.3015



17.7222, 0.3695, 0.3931



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.



52.9352, 0.4715, 0.4628



58.4032, 0.4734, 0.4623



74.7458, 0.3784, 0.5369



18.5649, 0.3275, 0.3466



28.9903, 0.4722, 0.4632



2.7107, 0.4641, 0.4697

Inverse Universe

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



10.2735, 0.1587, 0.0899



10.9175, 0.1573, 0.0863



7.5530, 0.1633, 0.0681



16.6054, 0.2979, 0.3108



5.5781, 0.1581, 0.0892



0.6477, 0.1646, 0.1124

Previews

White Background



This preview shows how the Yxy color 52.9326, 0.4715, 0.4628 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 52.9326, 0.4715, 0.4628 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 52.9326, 0.4715, 0.4628

Background



This preview shows how black text looks on a background with the Yxy color 52.9326, 0.4715, 0.4628.



This preview shows how white text looks on a background with the Yxy color 52.9326, 0.4715, 0.4628.

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

52.9326, 0.4715, 0.4628

Protanopia

52.9233, 0.4390, 0.4864

Deuteranopia

53.1154, 0.4721, 0.4619



Tritanopia

52.8638, 0.3763, 0.3154

Trichromacy



Original Color

52.9326, 0.4715, 0.4628

Protanomaly

52.5881, 0.4509, 0.4778

Deuteranomaly

53.1132, 0.4722, 0.4620

Tritanomaly

52.1077, 0.4306, 0.3891

Monochromacy



Original Color

52.9326, 0.4715, 0.4628

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.5776, 0.3863, 0.4099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9326, 0.4715, 0.4628 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(243, 183, 5)` looks like.

```
.text, #text, p{  
    color:rgb(243, 183, 5)  
}
```

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(243, 183, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 183, 5) }
```

Border

The CSS property to change the border of an element to Yxy 52.9326, 0.4715, 0.4628 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(243, 183, 5) }
```

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

```
.border{ border-color:rgb(243, 183, 5) }
```

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

Here you see how a box with a 4 pixel rgb(243, 183, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 183, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 183, 5);  
box-shadow:4px 4px 4px 4px rgb(243, 183,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9326, 0.4715, 0.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 183, 5) }
```

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

```
.background{ background-color: rgb(243,  
183, 5) }
```

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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