

Converting Colors

$Yxy(61.2707, 0.4530, 0.4785)$

Have a look what the booklet for
Yxy(61.2707, 0.4530, 0.4785)
contains.

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Color

Yxy(61.2957, 0.4532, 0.4783)

Conversions

Conversions Part 1

Format	Color
Hex	F3CA00
RGB	243, 202, 0
RGB Percent	95%, 79%, 0%
CMY	0.0471, 0.2078, 0.9988
CMYK	0.00, 0.17, 1.00, 0.05
HSL	50°, 100%, 48%
HSV	50°, 100%, 95%
XYZ	58.0791, 61.2957, 8.7785
YIQ	191.2310, 89.2780, -54.1300

Conversions

Conversions Part 2

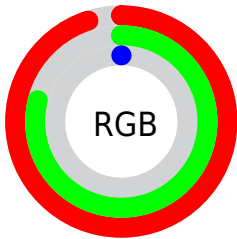
Format	Color
R_{YB}	49, 243, 0
Decimal	15976960
CIE Lab	82.54, -0.44, 83.49
CIE LCh	83, 83.493, 90.302
Yxy	61.2957, 0.4532, 0.4783
Android (android.graphics.Color)	4294167040 (0xFF3CA00)
YUV	191.2310, -94.2769, 45.4014
Hunter-Lab	78.2916, -4.5936, 48.1562

Details

The Yxy color **61.2957, 0.4532, 0.4783** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **8.0774, 0.1537, 0.0731**, and the grayscale version is **52.7827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4519, 0.4038, 0.4797**, and **31.1249, 0.4566, 0.4756** is the 20% darker color. If you saturate the color by 10%, you get **61.2731, 0.4533, 0.4783**, and if you desaturate by 10%, it is **63.3174, 0.4468, 0.4777**.

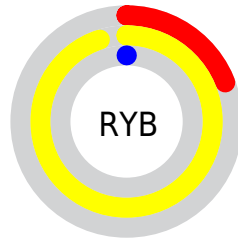
Distribution



Red (95%)

Green (79%)

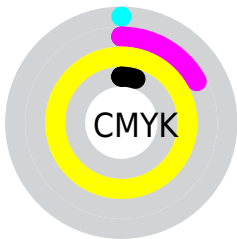
Blue (0%)



Red (19%)

Yellow (95%)

Blue (0%)

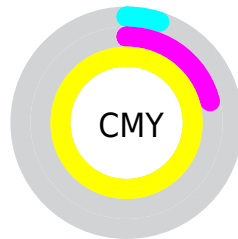


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2957, 0.4532, 0.4783 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 61.2957, 0.4532, 0.4783 by changing the saturation by 10% instead.


 61.2957, 0.4532,
0.4783

 61.2957, 0.4532,
0.4783


429.3574, 0.3961,
0.4174

 44.4639, 0.4624,
0.4882

 106.7070, 0.4362,
0.4601

 31.0353, 0.4715,
0.4980


 136.0552, 0.4287,
0.4521

 20.6258, 0.4803,
0.5075


 170.3443, 0.4219,
0.4448

 12.8507, 0.4860,
0.5140

 209.9587, 0.4157,
0.4382

 7.3258, 0.4857,
0.5143

 255.2829, 0.4101,
0.4323

 3.6667, 0.4853,
0.5147

 306.7011, 0.4050,

 1.4889, 0.4846,

0.4268

0.5154

364.5978, 0.4003,
0.4219

■ 0.2809, 0.4771,
0.5229

■ 0.0000, 0.0000,
0.0000

■ 61.2957, 0.4532,
0.4783

■ 61.2957, 0.4532,
0.4783

■ 61.2731, 0.4533,
0.4783

■ 63.3174, 0.4468,
0.4777

■ 65.4723, 0.4379,
0.4730

■ 67.7895, 0.4260,
0.4636

■ 70.2850, 0.4117,
0.4499

■ 72.9721, 0.3957,
0.4328

■ 75.8628, 0.3786,
0.4132

■ 78.9677, 0.3613,
0.3922

■ 82.2965, 0.3442,
0.3706

■ 85.8581, 0.3279,
0.3493

Harmonies

Analogous

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



61.2957, 0.5104, 0.4063



61.2957, 0.4532, 0.4783



61.2957, 0.3652, 0.5256

Triad

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



61.2957, 0.4532, 0.4783



61.2957, 0.1486, 0.2732



61.2957, 0.3302, 0.2165

Complementary

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



61.2957, 0.4532, 0.4783



8.0774, 0.1537, 0.0731

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.



61.2957, 0.2334, 0.1849



61.2957, 0.4532, 0.4783



61.2957, 0.1437, 0.2057

Square

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



61.2957, 0.4532, 0.4783



61.2957, 0.1903, 0.3861



61.2957, 0.1713, 0.1797



61.2957, 0.4391, 0.2696

Rectangle

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



61.2957, 0.4532, 0.4783



61.2957, 0.3007, 0.5174



61.2957, 0.1713, 0.1797



61.2957, 0.2948, 0.2033

Sweetspot

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



61.2987, 0.4532, 0.4783



88.0493, 0.3617, 0.3926



19.2459, 0.6148, 0.3161



18.5268, 0.3690, 0.4016



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.



61.2987, 0.4532, 0.4783



68.3219, 0.4534, 0.4782



72.2117, 0.3637, 0.5494



18.8094, 0.3273, 0.3485



33.8086, 0.4526, 0.4788



3.0948, 0.4477, 0.4827

Inverse Universe

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



8.0774, 0.1537, 0.0731



8.9514, 0.1535, 0.0727



8.0611, 0.1709, 0.0716



16.3787, 0.2979, 0.3087



4.5540, 0.1541, 0.0748



0.5271, 0.1597, 0.0948

Previews

White Background



This preview shows how the Yxy color 61.2957, 0.4532, 0.4783 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 61.2957, 0.4532, 0.4783 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 61.2957, 0.4532, 0.4783

Background



This preview shows how black text looks on a background with the Yxy color 61.2957, 0.4532, 0.4783.



This preview shows how white text looks on a background with the Yxy color 61.2957, 0.4532, 0.4783.

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

61.2957, 0.4532, 0.4783

Protanopia

61.3181, 0.4401, 0.4871

Deuteranopia

61.2343, 0.4493, 0.4422



Tritanopia

61.3015, 0.3567, 0.3146

Trichromacy



Original Color

61.2957, 0.4532, 0.4783

Protanomaly

61.5087, 0.4444, 0.4842

Deuteranomaly

61.1026, 0.4552, 0.4598

Tritanomaly

60.0489, 0.4121, 0.3962

Monochromacy



Original Color

61.2957, 0.4532, 0.4783

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.1370, 0.3816, 0.4165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2957, 0.4532, 0.4783 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, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 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(243, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 0) }
```

Border

The CSS property to change the border of an element to Yxy 61.2957, 0.4532, 0.4783 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, 202, 0) }
```

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

```
.border{ border-color:rgb(243, 202, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 202, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2957, 0.4532, 0.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 0) }
```

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

```
.background{ background-color: rgb(243,  
202, 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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