

Converting Colors

Yxy(53.0969, 0.4550, 0.4769)

Have a look what the booklet for
Yxy(53.0969, 0.4550, 0.4769)
contains.

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Color

Yxy(53.2182, 0.4553, 0.4767)

Conversions

Conversions Part 1

Format	Color
Hex	E6BD00
RGB	230, 189, 0
RGB Percent	90%, 74%, 0%
CMY	0.0981, 0.2588, 1.0000
CMYK	0.00, 0.18, 1.00, 0.10
HSL	49°, 100%, 45%
HSV	49°, 100%, 90%
XYZ	50.8291, 53.2182, 7.5914
YIQ	179.7130, 85.1050, -50.0870

Conversions

Conversions Part 2

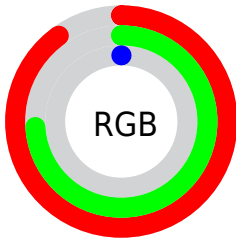
Format	Color
RYB	50, 230, 0
Decimal	15121664
CIELab	78.00, 0.66, 79.76
CIELCh	78, 79.762, 89.527
Yxy	53.2182, 0.4553, 0.4767
Android (android.graphics.Color)	4293311744 (0xFFE6BD00)
YUV	179.7130, -88.5985, 44.1017
Hunter-Lab	72.9508, -3.2924, 44.8957

Details

The Yxy color **53.2182, 0.4553, 0.4767** 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 **7.2976, 0.1541, 0.0746**, and the grayscale version is **45.9314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1893, 0.4108, 0.4747**, and **26.0433, 0.4583, 0.4743** is the 20% darker color. If you saturate the color by 10%, you get **53.2209, 0.4553, 0.4767**, and if you desaturate by 10%, it is **55.0711, 0.4486, 0.4762**.

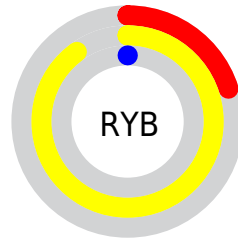
Distribution



Red (90%)

Green (74%)

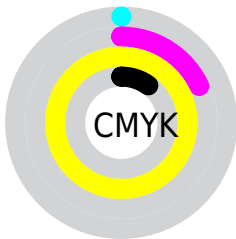
Blue (0%)



Red (20%)

Yellow (90%)

Blue (0%)

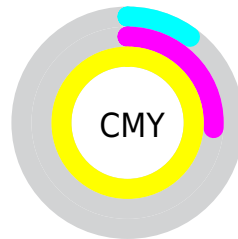


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2182, 0.4553, 0.4767 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 53.2182, 0.4553, 0.4767 by changing the saturation by 10% instead.


 53.2182, 0.4553,
0.4767


 53.2182, 0.4553,
0.4767


399.1217, 0.3954,
0.4150


 37.9770, 0.4652,
0.4868


 94.9254, 0.4372,
0.4581


 25.9648, 0.4749,
0.4966


 122.1601, 0.4293,
0.4500

 16.7973, 0.4860,
0.5077


 154.1615, 0.4221,
0.4426

 10.0901, 0.4894,
0.5106

 191.3139, 0.4157,
0.4359

 5.4587, 0.4899,
0.5101

 234.0017, 0.4098,
0.4299

 2.5189, 0.4907,
0.5093

 282.6094, 0.4045,

 0.8860, 0.4921,

0.4244

0.5079

337.5212, 0.3998,
0.4195

■ 0.0000, 0.0000,
0.0000

■ 53.2182, 0.4553,
0.4767

■ 53.2182, 0.4553,
0.4767

■ 53.2209, 0.4553,
0.4767

■ 55.0711, 0.4486,
0.4762

■ 57.0452, 0.4392,
0.4715

■ 59.1668, 0.4271,
0.4622

■ 61.4501, 0.4125,
0.4487

■ 63.9069, 0.3962,
0.4317

■ 66.5475, 0.3790,
0.4124

■ 69.3813, 0.3616,
0.3916

■ 72.4170, 0.3444,
0.3703

■ 75.6623, 0.3281,
0.3493

Harmonies

Analogous

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



53.2182, 0.5114, 0.4045



53.2182, 0.4553, 0.4767



53.2182, 0.3677, 0.5254

Triad

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



53.2182, 0.4553, 0.4767



53.2182, 0.1490, 0.2755



53.2182, 0.3274, 0.2153

Complementary

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



53.2182, 0.4553, 0.4767



7.2976, 0.1541, 0.0746

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.



53.2182, 0.2312, 0.1843



53.2182, 0.4553, 0.4767



53.2182, 0.1433, 0.2067

Square

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



53.2182, 0.4553, 0.4767



53.2182, 0.1917, 0.3894



53.2182, 0.1700, 0.1798



53.2182, 0.4367, 0.2680

Rectangle

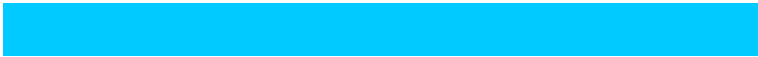
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2182, 0.4553, 0.4767



53.2182, 0.3031, 0.5188



53.2182, 0.1700, 0.1798



53.2182, 0.2921, 0.2022

Sweetspot

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



53.2209, 0.4553, 0.4767



87.6230, 0.3619, 0.3920



16.9903, 0.6145, 0.3159



18.4237, 0.3692, 0.4009



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.



53.2209, 0.4553, 0.4767



67.1358, 0.4555, 0.4765



63.7745, 0.3638, 0.5494



16.3573, 0.3272, 0.3482



30.2958, 0.4546, 0.4772



2.3535, 0.4486, 0.4820

Inverse Universe

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



7.2976, 0.1541, 0.0746



9.1306, 0.1539, 0.0739



7.1227, 0.1711, 0.0716



14.3003, 0.2980, 0.3091



4.2572, 0.1546, 0.0766



0.4363, 0.1615, 0.1012

Previews

White Background



This preview shows how the Yxy color 53.2182, 0.4553, 0.4767 looks on a white background.

Color Contrast Check

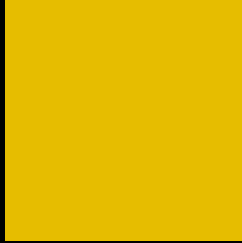
Large Text (above 18pt) WCAG AA × Fail

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 53.2182, 0.4553, 0.4767 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 53.2182, 0.4553, 0.4767

Background



This preview shows how black text looks on a background with the Yxy color 53.2182, 0.4553, 0.4767.



This preview shows how white text looks on a background with the Yxy color 53.2182, 0.4553, 0.4767.

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

53.2182, 0.4553, 0.4767

Protanopia

53.5087, 0.4395, 0.4873

Deuteranopia

53.1471, 0.4706, 0.4601



Tritanopia

53.2501, 0.3586, 0.3149

Trichromacy



Original Color

53.2182, 0.4553, 0.4767

Protanomaly

53.2420, 0.4451, 0.4835

Deuteranomaly

53.0752, 0.4655, 0.4660

Tritanomaly

52.2367, 0.4138, 0.3966

Monochromacy



Original Color

53.2182, 0.4553, 0.4767

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.1105, 0.3818, 0.4152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2182, 0.4553, 0.4767 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(230, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 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(230, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 0) }
```

Border

The CSS property to change the border of an element to Yxy 53.2182, 0.4553, 0.4767 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(230, 189, 0) }
```

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

```
.border{ border-color:rgb(230, 189, 0) }
```

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

Here you see how a box with a 4 pixel rgb(230, 189, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2182, 0.4553, 0.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 0) }
```

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

```
.background{ background-color: rgb(230,  
189, 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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