

Converting Colors

Yxy(54.2459, 0.4827, 0.4533)

Have a look what the booklet for
Yxy(54.2459, 0.4827, 0.4533)
contains.

Yxy(54.3253, 0.4825, 0.4535)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3253, 0.4825, 0.4535)

Conversions

Conversions Part 1

Format	Color
Hex	FFB508
RGB	255, 181, 8
RGB Percent	100%, 71%, 3%
CMY	0.0001, 0.2901, 0.9689
CMYK	0.00, 0.29, 0.97, 0.00
HSL	42°, 100%, 52%
HSV	42°, 97%, 100%
XYZ	57.7992, 54.3253, 7.6666
YIQ	183.4040, 99.6370, -38.1150

Conversions

Conversions Part 2

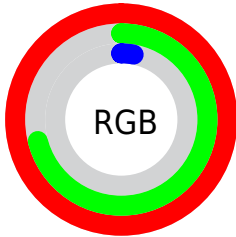
Format	Color
RYB	114, 255, 8
Decimal	16758024
CIELab	78.65, 15.63, 80.60
CIELCh	79, 82.106, 79.026
Yxy	54.3253, 0.4825, 0.4535
Android (android.graphics.Color)	4294948104 (0xFFFFB508)
YUV	183.4040, -86.4742, 62.7897
Hunter-Lab	73.7057, 10.9929, 45.4268

Details

The Yxy color **54.3253, 0.4825, 0.4535** 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 **13.2854, 0.1621, 0.1018**, and the grayscale version is **48.0284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4843, 0.4150, 0.4678**, and **26.6448, 0.4935, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **53.3534, 0.4858, 0.4525**, and if you desaturate by 10%, it is **57.6128, 0.4707, 0.4547**.

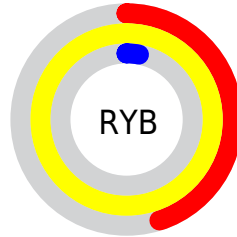
Distribution



Red (100%)

Green (71%)

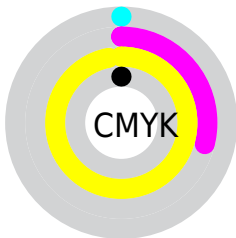
Blue (3%)



Red (45%)

Yellow (100%)

Blue (3%)

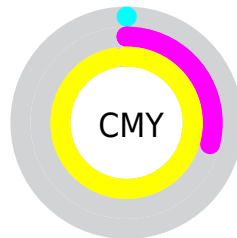


Cyan (0%)

Magenta (29%)

Yellow (97%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3253, 0.4825, 0.4535 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 54.3253, 0.4825, 0.4535 by changing the saturation by 10% instead.


 54.3253, 0.4825,
0.4535


 54.3253, 0.4825,
0.4535


403.3493, 0.4094,
0.4063

 38.8618, 0.4954,
0.4596

 96.5517, 0.4598,
0.4406

 26.6522, 0.5091,
0.4645


 124.0834, 0.4501,
0.4345

 17.3122, 0.5249,
0.4689


 156.4066, 0.4414,
0.4288

 10.4573, 0.5354,
0.4646

 193.9057, 0.4336,
0.4235

 5.7032, 0.5457,
0.4543

 236.9652, 0.4266,
0.4186

 2.6655, 0.5616,
0.4384

 285.9693, 0.4202,

 0.9597, 0.5893,

0.4142

0.4107

341.3025, 0.4146,
0.4101

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3253, 0.4825,
0.4535

■ 54.3253, 0.4825,
0.4535

■ 53.3534, 0.4858,
0.4525


■ 57.6128, 0.4707,
0.4547


■ 61.1781, 0.4556,
0.4509


■ 65.0477, 0.4379,
0.4422


■ 69.2406, 0.4184,
0.4294

 73.7734, 0.3981,
0.4136

 78.6610, 0.3779,
0.3960

 83.9171, 0.3585,
0.3775

 89.5541, 0.3402,
0.3590

 95.5839, 0.3234,
0.3409

Harmonies

Analogous

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



54.3253, 0.5225, 0.3790



54.3253, 0.4825, 0.4535



54.3253, 0.4013, 0.5175

Triad

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



54.3253, 0.4825, 0.4535



54.3253, 0.1566, 0.3104



54.3253, 0.2898, 0.1994

Complementary

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



54.3253, 0.4825, 0.4535



13.2854, 0.1621, 0.1018

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.



54.3253, 0.2036, 0.1770



54.3253, 0.4825, 0.4535



54.3253, 0.1387, 0.2231

Square

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



54.3253, 0.4825, 0.4535



54.3253, 0.2139, 0.4355



54.3253, 0.1544, 0.1826



54.3253, 0.4016, 0.2460

Rectangle

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



54.3253, 0.4825, 0.4535



54.3253, 0.3369, 0.5322



54.3253, 0.1544, 0.1826



54.3253, 0.2570, 0.1891

Sweetspot

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



54.3280, 0.4825, 0.4535



82.7991, 0.3625, 0.3815



22.0362, 0.5722, 0.2944



17.2398, 0.3708, 0.3894



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.



54.3280, 0.4825, 0.4535



53.3677, 0.4858, 0.4525



84.5771, 0.3844, 0.5318



20.1187, 0.3277, 0.3456



28.1595, 0.4844, 0.4536



2.9331, 0.4752, 0.4609

Inverse Universe

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



13.2854, 0.1621, 0.1018



12.4346, 0.1601, 0.0964



8.2700, 0.1610, 0.0671



18.2640, 0.2979, 0.3119



6.7235, 0.1609, 0.0992



0.8359, 0.1670, 0.1211

Previews

White Background



This preview shows how the Yxy color 54.3253, 0.4825, 0.4535 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 54.3253, 0.4825, 0.4535 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 54.3253, 0.4825, 0.4535

Background



This preview shows how black text looks on a background with the Yxy color 54.3253, 0.4825, 0.4535.



This preview shows how white text looks on a background with the Yxy color 54.3253, 0.4825, 0.4535.

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

54.3253, 0.4825, 0.4535

Protanopia

54.7360, 0.4384, 0.4862

Deuteranopia

54.4721, 0.4731, 0.4626



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.3253, 0.4825, 0.4535

Protanomaly

54.6169, 0.4544, 0.4744

Deuteranomaly

54.6115, 0.4761, 0.4595

Tritanomaly

53.2519, 0.4349, 0.3867

Monochromacy



Original Color

54.3253, 0.4825, 0.4535

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3431, 0.3894, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3253, 0.4825, 0.4535 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(255, 181, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 8)  
}
```

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(255, 181, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 8) }
```

Border

The CSS property to change the border of an element to Yxy 54.3253, 0.4825, 0.4535 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(255, 181, 8) }
```

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

```
.border{ border-color:rgb(255, 181, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3253, 0.4825, 0.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 8) }
```

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

```
.background{ background-color: rgb(255,  
181, 8) }
```

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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