

Converting Colors

Yxy(54.5423, 0.4462, 0.4798)

Have a look what the booklet for
Yxy(54.5423, 0.4462, 0.4798)
contains.

Yxy(54.3524, 0.4461, 0.4797)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3524, 0.4461, 0.4797)

Conversions

Conversions Part 1

Format	Color
Hex	E2C112
RGB	226, 193, 18
RGB Percent	89%, 76%, 7%
CMY	0.1137, 0.2431, 0.9286
CMYK	0.00, 0.15, 0.92, 0.11
HSL	50°, 85%, 48%
HSV	50°, 92%, 89%
XYZ	50.5454, 54.3524, 8.4072
YIQ	182.9170, 75.8430, -47.4290

Conversions

Conversions Part 2

Format	Color
RYB	57, 226, 18
Decimal	14860562
CIELab	78.67, -2.96, 78.05
CIELCh	79, 78.110, 92.170
Yxy	54.3524, 0.4461, 0.4797
Android (android.graphics.Color)	4293050642 (0xFFE2C112)
YUV	182.9170, -81.3041, 37.7838
Hunter-Lab	73.7241, -6.6372, 44.8456

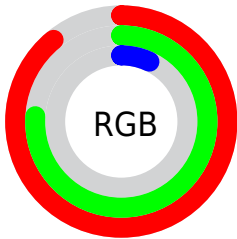
Details

The Yxy color **54.3524, 0.4461, 0.4797** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **8.0067, 0.1583, 0.0835**, and the grayscale version is **47.7433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7326, 0.4062, 0.4739**, and **26.8632, 0.4497, 0.4812** is the 20% darker color. If you saturate the color by 10%, you get **53.0453, 0.4509, 0.4802**, and if you desaturate by 10%, it is **56.0756, 0.4380, 0.4756**.

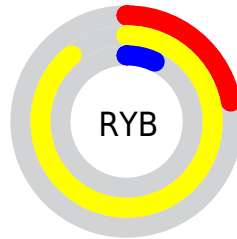
Distribution



Red (89%)

Green (76%)

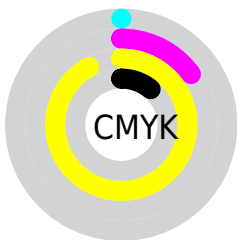
Blue (7%)



Red (22%)

Yellow (89%)

Blue (7%)

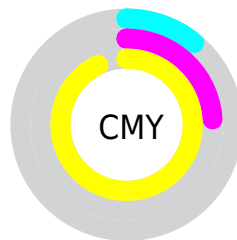


Cyan (0%)

Magenta (15%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3524, 0.4461, 0.4797 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 54.3524, 0.4461, 0.4797 by changing the saturation by 10% instead.


 54.3524, 0.4461,
0.4797


 54.3524, 0.4461,
0.4797

403.4524, 0.3903,
0.4152


 38.8835, 0.4553,
0.4909


 96.5915, 0.4292,
0.4598


 26.6691, 0.4644,
0.5023


 124.1304, 0.4218,
0.4512


 17.3249, 0.4735,
0.5144


 156.4615, 0.4152,
0.4436

 10.4664, 0.4778,
0.5222


 193.9690, 0.4091,
0.4367

 5.7093, 0.4757,
0.5243

 237.0375, 0.4037,
0.4304

 2.6691, 0.4723,
0.5277

 286.0513, 0.3988,

 0.9615, 0.4662,

0.4249

0.5338

341.3948, 0.3943,
0.4198

0.0000, 0.0000,
0.0000

54.3524, 0.4461,
0.4797

54.3524, 0.4461,
0.4797

53.0453, 0.4509,
0.4802

56.0756, 0.4380,
0.4756

57.9253, 0.4270,
0.4670

59.9178, 0.4135,
0.4539

62.0648, 0.3981,
0.4373

64.3763, 0.3815,
0.4180

■ 66.8613, 0.3644,
0.3971

■ 69.5281, 0.3475,
0.3755

■ 72.3843, 0.3311,
0.3539

■ 75.4369, 0.3156,
0.3330

Harmonies

Analogous

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



54.3524, 0.5041, 0.4102



54.3524, 0.4461, 0.4797



54.3524, 0.3590, 0.5215

Triad

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



54.3524, 0.4461, 0.4797



54.3524, 0.1507, 0.2695



54.3524, 0.3367, 0.2216

Complementary

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



54.3524, 0.4461, 0.4797



8.0067, 0.1583, 0.0835

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.



54.3524, 0.2403, 0.1890



54.3524, 0.4461, 0.4797



54.3524, 0.1478, 0.2059

Square

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



54.3524, 0.4461, 0.4797



54.3524, 0.1896, 0.3771



54.3524, 0.1770, 0.1822



54.3524, 0.4417, 0.2749

Rectangle

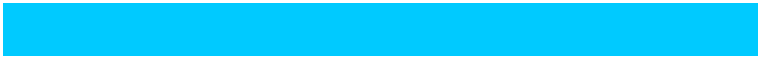
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3524, 0.4461, 0.4797



54.3524, 0.2958, 0.5089



54.3524, 0.1770, 0.1822



54.3524, 0.3017, 0.2080

Sweetspot

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



54.3550, 0.4461, 0.4797



89.2018, 0.3580, 0.3890



16.8639, 0.5968, 0.3123



18.7745, 0.3654, 0.3983



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.



54.3550, 0.4461, 0.4797



69.6094, 0.4511, 0.4800



61.5803, 0.3641, 0.5448



15.6394, 0.3271, 0.3486



30.4068, 0.4503, 0.4807



2.2084, 0.4447, 0.4851

Inverse Universe

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



8.0067, 0.1583, 0.0835



8.7711, 0.1532, 0.0714



7.9790, 0.1820, 0.0810



13.5930, 0.2981, 0.3087



3.9603, 0.1539, 0.0739



0.3842, 0.1607, 0.0986

Previews

White Background



This preview shows how the Yxy color 54.3524, 0.4461, 0.4797 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 54.3524, 0.4461, 0.4797 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 54.3524, 0.4461, 0.4797

Background



This preview shows how black text looks on a background with the Yxy color 54.3524, 0.4461, 0.4797.

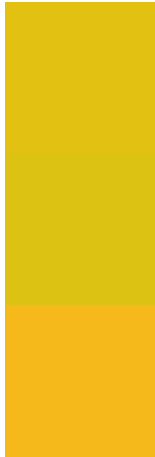


This preview shows how white text looks on a background with the Yxy color 54.3524, 0.4461, 0.4797.

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

54.3524, 0.4461, 0.4797

Protanopia

54.2929, 0.4390, 0.4850

Deuteranopia

54.3746, 0.4685, 0.4585



Tritanopia

54.0950, 0.3518, 0.3137

Trichromacy



Original Color

54.3524, 0.4461, 0.4797

Protanomaly

54.1602, 0.4417, 0.4829

Deuteranomaly

54.3831, 0.4607, 0.4662

Tritanomaly

53.1896, 0.4021, 0.3910

Monochromacy



Original Color

54.3524, 0.4461, 0.4797

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.1128, 0.3746, 0.4097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3524, 0.4461, 0.4797 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(226, 193, 18)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 18)  
}
```

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(226, 193, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 18) }
```

Border

The CSS property to change the border of an element to Yxy 54.3524, 0.4461, 0.4797 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(226, 193, 18) }
```

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

```
.border{ border-color:rgb(226, 193, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 18);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3524, 0.4461, 0.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 18) }
```

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

```
.background{ background-color: rgb(226,  
193, 18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor