

Converting Colors

Yxy(54.4521, 0.4357, 0.4682)

Have a look what the booklet for
Yxy(54.4521, 0.4357, 0.4682)
contains.

Yxy(54.4045, 0.4363, 0.4675)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4045, 0.4363, 0.4675)

Conversions

Conversions Part 1

Format	Color
Hex	E1C135
RGB	225, 193, 53
RGB Percent	88%, 76%, 21%
CMY	0.1175, 0.2432, 0.7921
CMYK	0.00, 0.14, 0.76, 0.12
HSL	49°, 74%, 55%
HSV	49°, 76%, 88%
XYZ	50.7737, 54.4045, 11.1951
YIQ	186.6080, 64.0120, -36.7560

Conversions

Conversions Part 2

Format	Color
R _Y B	92, 225, 53
Decimal	14795061
CIE Lab	78.70, -2.48, 69.58
CIE LCh	79, 69.619, 92.040
Yxy	54.4045, 0.4363, 0.4675
Android (android.graphics.Color)	4292985141 (0xFFE1C135)
YUV	186.6080, -65.8687, 33.6698
Hunter-Lab	73.7594, -6.2052, 42.6326

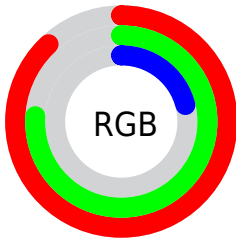
Details

The Yxy color **54.4045, 0.4363, 0.4675** is a light color, and the websafe version is hex **FFCC33**.

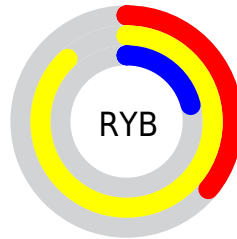
The color can be described as light washed yellow. A complement of this color would be **12.7040, 0.1765, 0.1224**, and the grayscale version is **49.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1372, 0.3974, 0.4596**, and **26.8632, 0.4497, 0.4812** is the 20% darker color. If you saturate the color by 10%, you get **52.4188, 0.4470, 0.4737**, and if you desaturate by 10%, it is **56.5452, 0.4229, 0.4567**.

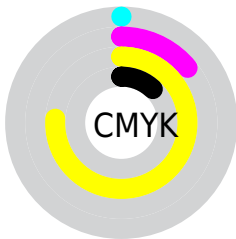
Distribution



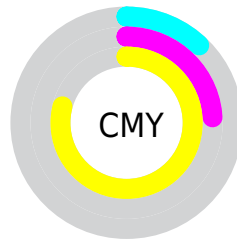
- Red (88%)
- Green (76%)
- Blue (21%)



- Red (36%)
- Yellow (88%)
- Blue (21%)



- Cyan (0%)
- Magenta (14%)
- Yellow (76%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4045, 0.4363, 0.4675 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 54.4045, 0.4363, 0.4675 by changing the saturation by 10% instead.

54.4045, 0.4363,
0.4675

54.4045, 0.4363,
0.4675

403.6506, 0.3826,
0.4063

38.9251, 0.4461,
0.4790

96.6679, 0.4193,
0.4479

26.7015, 0.4565,
0.4915

124.2207, 0.4122,
0.4397

17.3492, 0.4666,
0.5042

156.5669, 0.4058,
0.4324

10.4838, 0.4794,
0.5206

194.0907, 0.4001,
0.4260

5.7209, 0.4776,
0.5224

237.1766, 0.3950,
0.4202

2.6761, 0.4748,
0.5252

286.2089, 0.3904,

0.9651, 0.4697,

0.4151

0.5303

341.5721, 0.3863,
0.4105

0.0000, 0.0000,
0.0000

54.4045, 0.4363,
0.4675

54.4045, 0.4363,
0.4675

52.4188, 0.4470,
0.4737

56.5452, 0.4229,
0.4567

50.5646, 0.4547,
0.4753

58.8454, 0.4074,
0.4419

49.9273, 0.4571,
0.4753

61.3185, 0.3905,
0.4241

63.9740, 0.3730,
0.4043

66.8206, 0.3555,
0.3835

69.8662, 0.3385,
0.3624

73.1181, 0.3225,
0.3418

76.5834, 0.3075,
0.3221

80.2325, 0.2942,
0.3041

Harmonies

Analogous

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



54.4045, 0.4865, 0.4063



54.4045, 0.4363, 0.4675



54.4045, 0.3578, 0.5004

Triad

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



54.4045, 0.4363, 0.4675



54.4045, 0.1651, 0.2776



54.4045, 0.3345, 0.2310

Complementary

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



54.4045, 0.4363, 0.4675



12.7040, 0.1765, 0.1224

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.



54.4045, 0.2475, 0.2008



54.4045, 0.4363, 0.4675



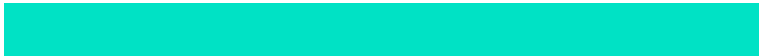
54.4045, 0.1616, 0.2183

Square

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



54.4045, 0.4363, 0.4675



54.4045, 0.2023, 0.3729



54.4045, 0.1888, 0.1951



54.4045, 0.4276, 0.2806

Rectangle

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



54.4045, 0.4363, 0.4675



54.4045, 0.3001, 0.4870



54.4045, 0.1888, 0.1951



54.4045, 0.3032, 0.2184

Sweetspot

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



54.4071, 0.4363, 0.4675



90.0066, 0.3498, 0.3766



19.2572, 0.5294, 0.2992



18.9577, 0.3561, 0.3842



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.



54.4071, 0.4363, 0.4675



68.0452, 0.4521, 0.4752



63.0633, 0.3707, 0.5205



15.5726, 0.3272, 0.3479



28.9198, 0.4564, 0.4758



2.1184, 0.4497, 0.4812

Inverse Universe

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



12.7040, 0.1765, 0.1224



11.0520, 0.1591, 0.0871



10.9673, 0.1987, 0.1055



13.6544, 0.2981, 0.3093



4.2082, 0.1550, 0.0779



0.4131, 0.1624, 0.1047

Previews

White Background



This preview shows how the Yxy color 54.4045, 0.4363, 0.4675 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 54.4045, 0.4363, 0.4675 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 54.4045, 0.4363, 0.4675

Background



This preview shows how black text looks on a background with the Yxy color 54.4045, 0.4363, 0.4675.



This preview shows how white text looks on a background with the Yxy color 54.4045, 0.4363, 0.4675.

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

54.4045, 0.4363, 0.4675

Protanopia

54.3566, 0.4290, 0.4721

Deuteranopia

54.2165, 0.4581, 0.4485



Tritanopia

54.1997, 0.3490, 0.3136

Trichromacy



Original Color

54.4045, 0.4363, 0.4675

Protanomaly

54.2221, 0.4316, 0.4701

Deuteranomaly

54.2468, 0.4500, 0.4555

Tritanomaly

53.6700, 0.3882, 0.3770

Monochromacy



Original Color

54.4045, 0.4363, 0.4675

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6477, 0.3637, 0.3930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4045, 0.4363, 0.4675 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(225, 193, 53)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 53)  
}
```

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(225, 193, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 53) }
```

Border

The CSS property to change the border of an element to Yxy 54.4045, 0.4363, 0.4675 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(225, 193, 53) }
```

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

```
.border{ border-color:rgb(225, 193, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 53);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4045, 0.4363, 0.4675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 53) }
```

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

```
.background{ background-color: rgb(225,  
193, 53) }
```

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