

Converting Colors

$Yxy(54.6766, 0.4405, 0.4746)$

Have a look what the booklet for
Yxy(54.6766, 0.4405, 0.4746)
contains.

Yxy(54.7376, 0.4400, 0.4749)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7376, 0.4400, 0.4749)

Conversions

Conversions Part 1

Format	Color
Hex	E1C227
RGB	225, 194, 39
RGB Percent	88%, 76%, 15%
CMY	0.1175, 0.2392, 0.8472
CMYK	0.00, 0.14, 0.83, 0.12
HSL	50°, 76%, 52%
HSV	50°, 83%, 88%
XYZ	50.7150, 54.7376, 9.8087
YIQ	185.5990, 68.2310, -41.6330

Conversions

Conversions Part 2

Format	Color
RYB	76, 225, 39
Decimal	14795303
CIELab	78.89, -3.47, 73.95
CIELCh	79, 74.028, 92.684
Yxy	54.7376, 0.4400, 0.4749
Android (android.graphics.Color)	4292985383 (0xFFE1C227)
YUV	185.5990, -72.2733, 34.5547
Hunter-Lab	73.9849, -7.1157, 43.9289

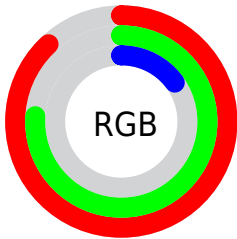
Details

The Yxy color **54.7376, 0.4400, 0.4749** 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 **10.2487, 0.1675, 0.1033**, and the grayscale version is **49.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5513, 0.4012, 0.4674**, and **27.0491, 0.4472, 0.4831** is the 20% darker color. If you saturate the color by 10%, you get **52.9833, 0.4482, 0.4785**, and if you desaturate by 10%, it is **56.6276, 0.4289, 0.4667**.

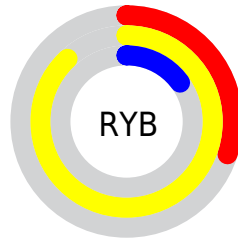
Distribution



Red (88%)

Green (76%)

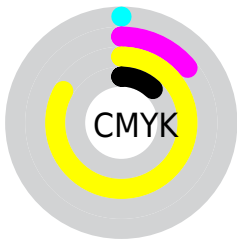
Blue (15%)



Red (30%)

Yellow (88%)

Blue (15%)

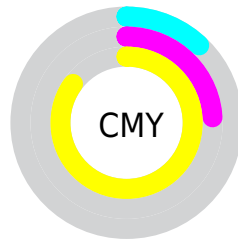


Cyan (0%)

Magenta (14%)

Yellow (83%)

Black (12%)



Cyan (12%)


Magenta (24%)

Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7376, 0.4400, 0.4749 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 54.7376, 0.4400, 0.4749 by changing the saturation by 10% instead.


 54.7376, 0.4400,
0.4749


 54.7376, 0.4400,
0.4749


404.9165, 0.3858,
0.4113

 39.1917, 0.4494,
0.4865


 97.1564, 0.4233,
0.4548


 26.9089, 0.4589,
0.4987


 124.7980, 0.4161,
0.4463

 17.5048, 0.4679,
0.5110


 157.2404, 0.4096,
0.4388


 10.5950, 0.4762,
0.5238

 194.8679, 0.4038,
0.4320

 5.7952, 0.4738,
0.5262

 238.0648, 0.3986,
0.4260

 2.7210, 0.4698,
0.5302

 287.2156, 0.3939,

 0.9879, 0.4627,

0.4206

0.5373

342.7047, 0.3897,
0.4157

0.0000, 0.0000,
0.0000

54.7376, 0.4400,
0.4749

54.7376, 0.4400,
0.4749

52.9833, 0.4482,
0.4785

56.6276, 0.4289,
0.4667

51.7639, 0.4526,
0.4788

58.6594, 0.4153,
0.4540

60.8472, 0.3998,
0.4377

63.2011, 0.3831,
0.4187

65.7302, 0.3659,
0.3980

68.4426, 0.3488,
0.3766

71.3460, 0.3323,
0.3552

74.4475, 0.3167,
0.3344

77.7537, 0.3022,
0.3146

Harmonies

Analogous

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



54.7376, 0.4948, 0.4098



54.7376, 0.4400, 0.4749



54.7376, 0.3568, 0.5111

Triad

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



54.7376, 0.4400, 0.4749



54.7376, 0.1574, 0.2720



54.7376, 0.3375, 0.2270

Complementary

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



54.7376, 0.4400, 0.4749



10.2487, 0.1675, 0.1033

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.



54.7376, 0.2454, 0.1952



54.7376, 0.4400, 0.4749



54.7376, 0.1548, 0.2113

Square

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



54.7376, 0.4400, 0.4749



54.7376, 0.1948, 0.3729



54.7376, 0.1837, 0.1884



54.7376, 0.4364, 0.2789

Rectangle

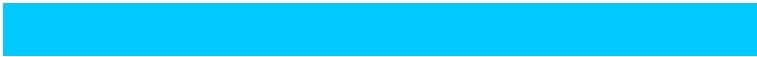
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7376, 0.4400, 0.4749



54.7376, 0.2963, 0.4969



54.7376, 0.1837, 0.1884



54.7376, 0.3043, 0.2139

Sweetspot

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



54.7402, 0.4400, 0.4749



89.9558, 0.3530, 0.3820



17.9429, 0.5594, 0.3043



18.9802, 0.3590, 0.3896



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.



54.7402, 0.4400, 0.4749



68.8030, 0.4523, 0.4786



62.1294, 0.3685, 0.5319



15.6200, 0.3271, 0.3484



29.9695, 0.4520, 0.4793



2.1820, 0.4462, 0.4840

Inverse Universe

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



10.2487, 0.1675, 0.1033



9.0867, 0.1540, 0.0736



9.4772, 0.1917, 0.0939



13.6108, 0.2981, 0.3089



4.0283, 0.1542, 0.0750



0.3925, 0.1612, 0.1004

Previews

White Background



This preview shows how the Yxy color 54.7376, 0.4400, 0.4749 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 54.7376, 0.4400, 0.4749 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 54.7376, 0.4400, 0.4749

Background



This preview shows how black text looks on a background with the Yxy color 54.7376, 0.4400, 0.4749.



This preview shows how white text looks on a background with the Yxy color 54.7376, 0.4400, 0.4749.

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

54.7376, 0.4400, 0.4749

Protanopia

54.8420, 0.4339, 0.4796

Deuteranopia

54.4726, 0.4642, 0.4530



Tritanopia

54.8207, 0.3488, 0.3136

Trichromacy



Original Color

54.7376, 0.4400, 0.4749

Protanomaly

54.7063, 0.4365, 0.4776

Deuteranomaly

54.3107, 0.4555, 0.4610

Tritanomaly

54.1086, 0.3928, 0.3835

Monochromacy



Original Color

54.7376, 0.4400, 0.4749

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.3680, 0.3668, 0.3995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7376, 0.4400, 0.4749 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, 194, 39)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 39)  
}
```

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, 194, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 39) }
```

Border

The CSS property to change the border of an element to Yxy 54.7376, 0.4400, 0.4749 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, 194, 39) }
```

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

```
.border{ border-color:rgb(225, 194, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 194, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 39);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7376, 0.4400, 0.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 39) }
```

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

```
.background{ background-color: rgb(225,  
194, 39) }
```

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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