

Converting Colors

Yxy(54.7793, 0.4739, 0.4446)

Have a look what the booklet for
Yxy(54.7793, 0.4739, 0.4446)
contains.

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Color

Yxy(54.9132, 0.4735, 0.4447)

Conversions

Conversions Part 1

Format	Color
Hex	FFB62E
RGB	255, 182, 46
RGB Percent	100%, 71%, 18%
CMY	0.0000, 0.2863, 0.8196
CMYK	0.00, 0.29, 0.82, 0.00
HSL	39°, 100%, 59%
HSV	39°, 82%, 100%
XYZ	58.4695, 54.9132, 10.1010
YIQ	188.3230, 87.1640, -26.8200

Conversions

Conversions Part 2

Format	Color
R _Y B	158, 255, 46
Decimal	16758318
CIE Lab	78.99, 15.79, 73.24
CIE LCh	79, 74.924, 77.830
Yxy	54.9132, 0.4735, 0.4447
Android (android.graphics.Color)	4294948398 (0xFFFFB62E)
YUV	188.3230, -70.1652, 58.4757
Hunter-Lab	74.1034, 11.1601, 43.7906

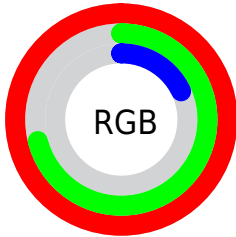
Details

The Yxy color **54.9132, 0.4735, 0.4447** is a light color, and the websafe version is hex **FFCC33**.

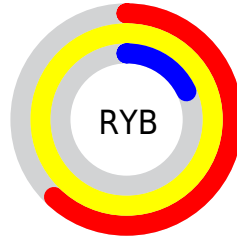
The color can be described as light washed orange. A complement of this color would be **20.9940, 0.1789, 0.1457**, and the grayscale version is **50.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4085, 0.4061, 0.4558**, and **27.0380, 0.4930, 0.4467** is the 20% darker color. If you saturate the color by 10%, you get **51.2322, 0.4891, 0.4448**, and if you desaturate by 10%, it is **58.9393, 0.4547, 0.4394**.

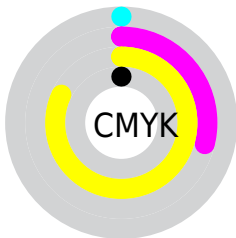
Distribution



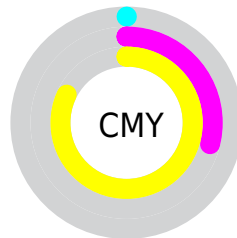
- Red (100%)
- Green (71%)
- Blue (18%)



- Red (62%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (29%)
- Yellow (82%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9132, 0.4735, 0.4447 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 54.9132, 0.4735, 0.4447 by changing the saturation by 10% instead.


 54.9132, 0.4735,
0.4447


 54.9132, 0.4735,
0.4447


405.5828, 0.4023,
0.3991


 39.3322, 0.4870,
0.4515


 97.4138, 0.4506,
0.4315

 27.0183, 0.5018,
0.4576


 125.1022, 0.4411,
0.4256


 17.5870, 0.5175,
0.4619

 157.5951, 0.4327,
0.4201

 10.6539, 0.5356,
0.4644

 195.2771, 0.4252,
0.4151

 5.8346, 0.5459,
0.4541

 238.5325, 0.4185,
0.4105

 2.7448, 0.5617,
0.4383

 287.7456, 0.4125,

 1.0000, 0.5890,

0.4063

343.3009, 0.4071,
0.4025

0.4110

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9132, 0.4735,
0.4447

54.9132, 0.4735,
0.4447

51.2322, 0.4891,
0.4448

58.9393, 0.4547,
0.4394


48.5062, 0.4995,
0.4416

63.3422, 0.4339,
0.4294

68.1383, 0.4121,
0.4159

73.3447, 0.3904,
0.4001

 78.9770, 0.3695,
0.3831

 85.0498, 0.3499,
0.3657

 91.5767, 0.3319,
0.3485

 98.5705, 0.3157,
0.3321

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



54.9132, 0.5059, 0.3760



54.9132, 0.4735, 0.4447



54.9132, 0.4007, 0.5012

Triad

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



54.9132, 0.4735, 0.4447



54.9132, 0.1700, 0.3176



54.9132, 0.2886, 0.2073

Complementary

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



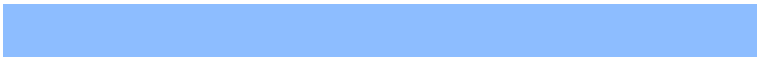
54.9132, 0.4735, 0.4447



20.9940, 0.1789, 0.1457

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.



54.9132, 0.2096, 0.1873



54.9132, 0.4735, 0.4447



54.9132, 0.1507, 0.2350

Square

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



54.9132, 0.4735, 0.4447



54.9132, 0.2259, 0.4293



54.9132, 0.1642, 0.1944



54.9132, 0.3900, 0.2505

Rectangle

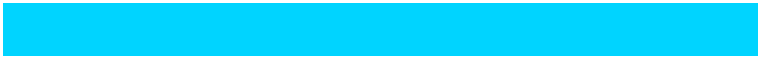
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9132, 0.4735, 0.4447



54.9132, 0.3413, 0.5132



54.9132, 0.1642, 0.1944



54.9132, 0.2587, 0.1978

Sweetspot

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



54.9101, 0.4735, 0.4447



83.1588, 0.3557, 0.3710



24.5487, 0.5065, 0.2729



17.3420, 0.3625, 0.3771



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.



54.9101, 0.4735, 0.4447



49.1692, 0.4969, 0.4425



87.5084, 0.3926, 0.5137



19.9600, 0.3278, 0.3444



25.6361, 0.4978, 0.4429



2.7010, 0.4865, 0.4519

Inverse Universe

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



20.9940, 0.1789, 0.1457



14.9751, 0.1649, 0.1123



10.7654, 0.1722, 0.0838



18.4155, 0.2979, 0.3131



7.7637, 0.1644, 0.1117



0.9514, 0.1706, 0.1341

Previews

White Background



This preview shows how the Yxy color 54.9132, 0.4735, 0.4447 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 54.9132, 0.4735, 0.4447 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 54.9132, 0.4735, 0.4447

Background



This preview shows how black text looks on a background with the Yxy color 54.9132, 0.4735, 0.4447.



This preview shows how white text looks on a background with the Yxy color 54.9132, 0.4735, 0.4447.

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

54.9132, 0.4735, 0.4447

Protanopia

54.9258, 0.4305, 0.4745

Deuteranopia

55.0738, 0.4640, 0.4533



Tritanopia

54.9928, 0.3769, 0.3187

Trichromacy



Original Color

54.9132, 0.4735, 0.4447

Protanomaly

54.8070, 0.4462, 0.4633

Deuteranomaly

55.2114, 0.4670, 0.4504

Tritanomaly

54.4255, 0.4210, 0.3740

Monochromacy



Original Color

54.9132, 0.4735, 0.4447

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8924, 0.3765, 0.3898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9132, 0.4735, 0.4447 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, 182, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 46)  
}
```

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, 182, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 46) }
```

Border

The CSS property to change the border of an element to Yxy 54.9132, 0.4735, 0.4447 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, 182, 46) }
```

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

```
.border{ border-color:rgb(255, 182, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9132, 0.4735, 0.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 46) }
```

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

```
.background{ background-color: rgb(255,  
182, 46) }
```

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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