

Converting Colors

$Yxy(55.0177, 0.4505, 0.4401)$

Have a look what the booklet for
Yxy(55.0177, 0.4505, 0.4401)
contains.

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Color

Yxy(54.9852, 0.4510, 0.4401)

Conversions

Conversions Part 1

Format	Color
Hex	F5BA47
RGB	245, 186, 71
RGB Percent	96%, 73%, 28%
CMY	0.0393, 0.2705, 0.7215
CMYK	0.00, 0.24, 0.71, 0.04
HSL	40°, 90%, 62%
HSV	40°, 71%, 96%
XYZ	56.3470, 54.9852, 13.6057
YIQ	190.5310, 72.0790, -23.2570

Conversions

Conversions Part 2

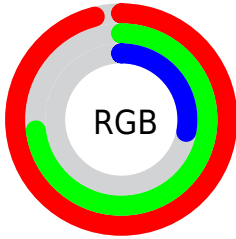
Format	Color
RYB	160, 245, 71
Decimal	16104007
CIELab	79.03, 10.41, 63.86
CIElCh	79, 64.703, 80.745
Yxy	54.9852, 0.4510, 0.4401
Android (android.graphics.Color)	4294294087 (0xFFFF5BA47)
YUV	190.5310, -58.9288, 47.7693
Hunter-Lab	74.1520, 5.8735, 41.0276

Details

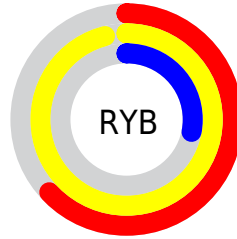
The Yxy color **54.9852, 0.4510, 0.4401** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **23.8891, 0.1926, 0.1700**, and the grayscale version is **52.1323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2449, 0.3934, 0.4424**, and **26.9720, 0.4779, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **51.3363, 0.4695, 0.4462**, and if you desaturate by 10%, it is **58.9695, 0.4305, 0.4295**.

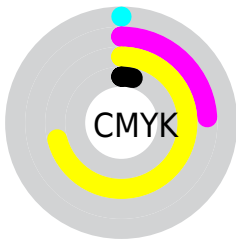
Distribution



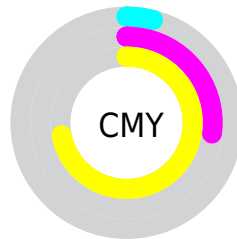
- Red (96%)
- Green (73%)
- Blue (28%)



- Red (63%)
- Yellow (96%)
- Blue (28%)



- Cyan (0%)
- Magenta (24%)
- Yellow (71%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9852, 0.4510, 0.4401 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 54.9852, 0.4510, 0.4401 by changing the saturation by 10% instead.


 54.9852, 0.4510,
0.4401

 54.9852, 0.4510,
0.4401


405.8558, 0.3882,
0.3929

 39.3899, 0.4637,
0.4485


 97.5193, 0.4303,
0.4254

 27.0632, 0.4780,
0.4573


 125.2268, 0.4219,
0.4191

 17.6207, 0.4938,
0.4657


 157.7405, 0.4145,
0.4135

 10.6780, 0.5139,
0.4754

 195.4448, 0.4079,
0.4085

 5.8507, 0.5264,
0.4736

 238.7241, 0.4022,
0.4039

 2.7545, 0.5372,
0.4628

287.9628, 0.3970,

 1.0050, 0.5561,

0.3999

0.4439

343.5452, 0.3924,
0.3962

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9852, 0.4510,
0.4401

■ 54.9852, 0.4510,
0.4401

■ 51.3363, 0.4695,
0.4462

■ 58.9695, 0.4305,
0.4295

■ 47.9951, 0.4850,
0.4472

■ 63.2980, 0.4091,
0.4156


■ 45.2309, 0.4964,
0.4441


■ 67.9885, 0.3877,
0.3994

■ 73.0549, 0.3672,
0.3821

 78.5098, 0.3479,
0.3645

 84.3652, 0.3303,
0.3472

 90.6324, 0.3142,
0.3306

 96.5255, 0.3066,
0.3265

 98.1485, 0.3066,
0.3290

Harmonies

Analogous

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



54.9852, 0.4811, 0.3803



54.9852, 0.4510, 0.4401



54.9852, 0.3858, 0.4824

Triad

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



54.9852, 0.4510, 0.4401



54.9852, 0.1838, 0.3124



54.9852, 0.3006, 0.2237

Complementary

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



54.9852, 0.4510, 0.4401



23.8891, 0.1926, 0.1700

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.



54.9852, 0.2277, 0.2035



54.9852, 0.4510, 0.4401



54.9852, 0.1683, 0.2429

Square

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



54.9852, 0.4510, 0.4401



54.9852, 0.2318, 0.4055



54.9852, 0.1832, 0.2082



54.9852, 0.3886, 0.2647

Rectangle

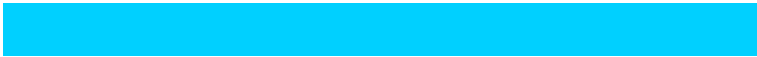
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9852, 0.4510, 0.4401



54.9852, 0.3328, 0.4853



54.9852, 0.1832, 0.2082



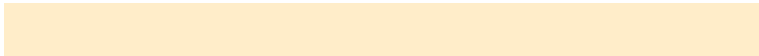
54.9852, 0.2736, 0.2144

Sweetspot

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



54.9879, 0.4510, 0.4401



85.9801, 0.3480, 0.3645



25.5794, 0.4685, 0.2720



18.0402, 0.3532, 0.3694



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.



54.9879, 0.4510, 0.4401



54.6684, 0.4764, 0.4472



80.7883, 0.3887, 0.4987



18.3123, 0.3277, 0.3446



24.6384, 0.4948, 0.4453



2.3553, 0.4829, 0.4548

Inverse Universe

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



23.8891, 0.1926, 0.1700



19.1618, 0.1749, 0.1361



13.6462, 0.1893, 0.1091



16.8447, 0.2980, 0.3129



7.1167, 0.1637, 0.1093



0.8082, 0.1706, 0.1341

Previews

White Background



This preview shows how the Yxy color 54.9852, 0.4510, 0.4401 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 54.9852, 0.4510, 0.4401 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 54.9852, 0.4510, 0.4401

Background



This preview shows how black text looks on a background with the Yxy color 54.9852, 0.4510, 0.4401.



This preview shows how white text looks on a background with the Yxy color 54.9852, 0.4510, 0.4401.

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

54.9852, 0.4510, 0.4401

Protanopia

55.0343, 0.4194, 0.4598

Deuteranopia

54.9852, 0.4510, 0.4401



Tritanopia

54.7856, 0.3714, 0.3144

Trichromacy



Original Color

54.9852, 0.4510, 0.4401

Protanomaly

54.6743, 0.4307, 0.4525

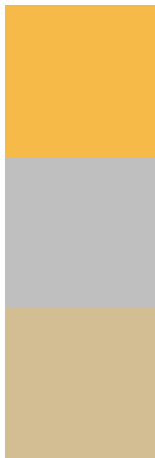
Deuteranomaly

54.9852, 0.4510, 0.4401

Tritanomaly

54.2091, 0.4065, 0.3645

Monochromacy



Original Color

54.9852, 0.4510, 0.4401

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3507, 0.3654, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9852, 0.4510, 0.4401 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(245, 186, 71)` looks like.

```
.text, #text, p{  
    color:rgb(245, 186, 71)  
}
```

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(245, 186, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 186, 71) }
```

Border

The CSS property to change the border of an element to Yxy 54.9852, 0.4510, 0.4401 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(245, 186, 71) }
```

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

```
.border{ border-color:rgb(245, 186, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 186, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 186, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 186, 71);  
box-shadow:4px 4px 4px 4px rgb(245, 186,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9852, 0.4510, 0.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 186, 71) }
```

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

```
.background{ background-color: rgb(245,  
186, 71) }
```

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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