

Converting Colors

$Y_{xy}(56.2139, 0.4446, 0.4248)$

Have a look what the booklet for
Yxy(56.2139, 0.4446, 0.4248)
contains.

Yxy(56.1631, 0.4449, 0.4250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.1631, 0.4449, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	FABA59
RGB	250, 186, 89
RGB Percent	98%, 73%, 35%
CMY	0.0195, 0.2706, 0.6510
CMYK	0.00, 0.26, 0.64, 0.02
HSL	36°, 94%, 66%
HSV	36°, 64%, 98%
XYZ	58.7929, 56.1631, 17.1925
YIQ	194.0780, 69.2810, -16.5990

Conversions

Conversions Part 2

Format	Color
RYB	195, 250, 89
Decimal	16431705
CIELab	79.71, 13.49, 56.91
CIELCh	80, 58.490, 76.662
Yxy	56.1631, 0.4449, 0.4250
Android (android.graphics.Color)	4294621785 (0xFFFABA59)
YUV	194.0780, -51.8035, 49.0436
Hunter-Lab	74.9420, 8.8866, 38.8577

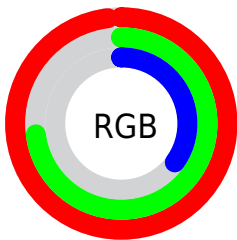
Details

The Yxy color **56.1631, 0.4449, 0.4250** is a light color, and the websafe version is hex **FFCC66**.

The color can be described as light muted orange. A complement of this color would be **31.8191, 0.2055, 0.1995**, and the grayscale version is **54.2815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7173, 0.3840, 0.4276**, and **27.8496, 0.4733, 0.4403** is the 20% darker color. If you saturate the color by 10%, you get **51.7706, 0.4675, 0.4330**, and if you desaturate by 10%, it is **60.9952, 0.4214, 0.4132**.

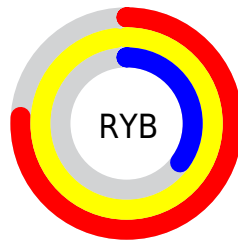
Distribution



Red (98%)

Green (73%)

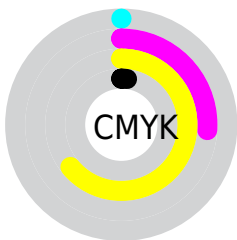
Blue (35%)



Red (76%)

Yellow (98%)

Blue (35%)

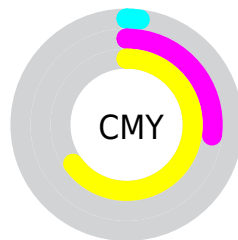


Cyan (0%)

Magenta (26%)

Yellow (64%)

Black (2%)



Cyan (2%)


Magenta (27%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1631, 0.4449, 0.4250 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 56.1631, 0.4449, 0.4250 by changing the saturation by 10% instead.


 56.1631, 0.4449,
0.4250

 56.1631, 0.4449,
0.4250


410.3059, 0.3837,
0.3839


 40.3337, 0.4579,
0.4326


 99.2430, 0.4242,
0.4120


 27.7988, 0.4731,
0.4408


 127.2623, 0.4160,
0.4065

 18.1741, 0.4907,
0.4490


 160.1137, 0.4088,
0.4017

 11.0750, 0.5107,
0.4560

 198.1816, 0.4025,
0.3973

 6.1173, 0.5369,
0.4631

241.8503, 0.3970,
0.3934

 2.9166, 0.5502,
0.4498

291.5044, 0.3920,

 1.0883, 0.5730,

0.3899

0.4270

347.5281, 0.3876,
0.3868

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1631, 0.4449,
0.4250

56.1631, 0.4449,
0.4250

51.7706, 0.4675,
0.4330

60.9952, 0.4214,
0.4132

47.7883, 0.4879,
0.4361


66.2773, 0.3981,
0.3989

44.1945, 0.5049,
0.4339


72.0292, 0.3758,
0.3832

42.3353, 0.5132,
0.4307

78.2668, 0.3552,
0.3670

 85.0050, 0.3364,
0.3509

 92.2578, 0.3195,
0.3355

 99.0684, 0.3096,
0.3290

Harmonies

Analogous

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



56.1631, 0.4649, 0.3702



56.1631, 0.4449, 0.4250



56.1631, 0.3898, 0.4645

Triad

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



56.1631, 0.4449, 0.4250



56.1631, 0.1999, 0.3258



56.1631, 0.2921, 0.2289

Complementary

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



56.1631, 0.4449, 0.4250



31.8191, 0.2055, 0.1995

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.



56.1631, 0.2285, 0.2133



56.1631, 0.4449, 0.4250



56.1631, 0.1808, 0.2587

Square

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



56.1631, 0.4449, 0.4250



56.1631, 0.2483, 0.4079



56.1631, 0.1908, 0.2218



56.1631, 0.3706, 0.2646

Rectangle

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



56.1631, 0.4449, 0.4250



56.1631, 0.3425, 0.4699



56.1631, 0.1908, 0.2218



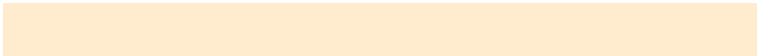
56.1631, 0.2684, 0.2213

Sweetspot

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



56.1659, 0.4449, 0.4250



85.5813, 0.3448, 0.3583



29.7867, 0.4354, 0.2658



17.8895, 0.3503, 0.3629



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.



56.1659, 0.4449, 0.4250



52.9870, 0.4732, 0.4344



86.5864, 0.3906, 0.4838



18.9647, 0.3279, 0.3433



22.7402, 0.5112, 0.4323



2.3132, 0.4972, 0.4434

Inverse Universe

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



31.8191, 0.2055, 0.1995



25.9522, 0.1881, 0.1699



17.0579, 0.1960, 0.1254



17.7755, 0.2979, 0.3143



8.6977, 0.1682, 0.1253



1.0062, 0.1747, 0.1488

Previews

White Background



This preview shows how the Yxy color 56.1631, 0.4449, 0.4250 looks on a white background.

Color Contrast Check

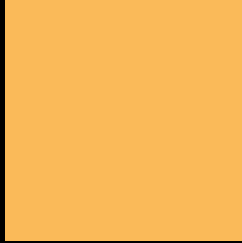
Large Text (above 18pt) WCAG AA × Fail

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 56.1631, 0.4449, 0.4250 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 56.1631, 0.4449, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 56.1631, 0.4449, 0.4250.



This preview shows how white text looks on a background with the Yxy color 56.1631, 0.4449, 0.4250.

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

56.1631, 0.4449, 0.4250

Protanopia

56.2385, 0.4074, 0.4459

Deuteranopia

56.0835, 0.4398, 0.4297



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

56.1631, 0.4449, 0.4250

Protanomaly

56.1793, 0.4202, 0.4383

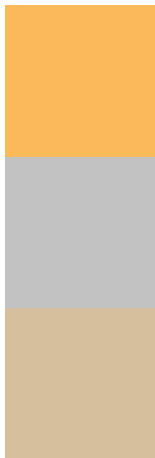
Deuteranomaly

56.0194, 0.4422, 0.4279

Tritanomaly

55.8251, 0.4011, 0.3578

Monochromacy



Original Color

56.1631, 0.4449, 0.4250

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9580, 0.3601, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1631, 0.4449, 0.4250 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(250, 186, 89)` looks like.

```
.text, #text, p{  
    color:rgb(250, 186, 89)  
}
```

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(250, 186, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 186, 89) }
```

Border

The CSS property to change the border of an element to Yxy 56.1631, 0.4449, 0.4250 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(250, 186, 89) }
```

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

```
.border{ border-color:rgb(250, 186, 89) }
```

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

Here you see how a box with a 4 pixel rgb(250, 186, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 186, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 186, 89);  
box-shadow:4px 4px 4px 4px rgb(250, 186,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1631, 0.4449, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 186, 89) }
```

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

```
.background{ background-color: rgb(250,  
186, 89) }
```

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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