

Converting Colors

$Yxy(56.5716, 0.4377, 0.4388)$

Have a look what the booklet for
Yxy(56.5716, 0.4377, 0.4388)
contains.

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Color

Yxy(56.5716, 0.4377, 0.4388)

Conversions

Conversions Part 1

Format	Color
Hex	F1BF52
RGB	241, 191, 82
RGB Percent	95%, 75%, 32%
CMY	0.0549, 0.2510, 0.6785
CMYK	0.00, 0.21, 0.66, 0.05
HSL	41°, 85%, 63%
HSV	41°, 66%, 95%
XYZ	56.4298, 56.5716, 15.9220
YIQ	193.5240, 64.7890, -23.2990

Conversions

Conversions Part 2

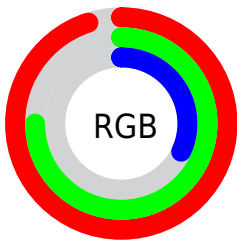
Format	Color
R_{YB}	155, 241, 82
Decimal	15843154
CIE _{Lab}	79.94, 6.71, 60.04
CIE _{LCh}	80, 60.416, 83.623
Yxy	56.5716, 0.4377, 0.4388
Android (android.graphics.Color)	4294033234 (0xFFFF1BF52)
YUV	193.5240, -54.9813, 41.6365
Hunter-Lab	75.2141, 2.2959, 40.0988

Details

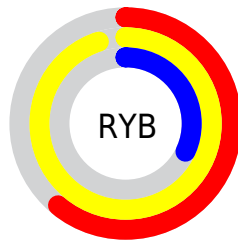
The Yxy color **56.5716, 0.4377, 0.4388** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **24.6389, 0.1989, 0.1776**, and the grayscale version is **53.9552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5591, 0.3852, 0.4370**, and **28.0709, 0.4625, 0.4584** is the 20% darker color. If you saturate the color by 10%, you get **53.0497, 0.4563, 0.4477**, and if you desaturate by 10%, it is **60.3987, 0.4176, 0.4259**.

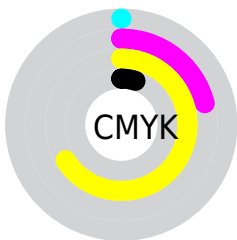
Distribution



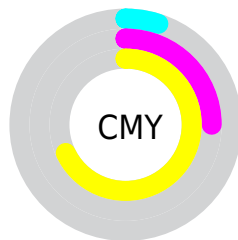
- Red (95%)
- Green (75%)
- Blue (32%)



- Red (61%)
- Yellow (95%)
- Blue (32%)



- Cyan (0%)
- Magenta (21%)
- Yellow (66%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5716, 0.4377, 0.4388 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 56.5716, 0.4377, 0.4388 by changing the saturation by 10% instead.

56.5716, 0.4377,
0.4388

56.5716, 0.4377,
0.4388

411.8421, 0.3808,
0.3908

40.6614, 0.4494,
0.4480

99.8398, 0.4188,
0.4233

28.0546, 0.4627,
0.4581

127.9666, 0.4112,
0.4169

18.3668, 0.4777,
0.4687

160.9344, 0.4045,
0.4113

11.2137, 0.4945,
0.4792

199.1276, 0.3986,
0.4062

6.2107, 0.5123,
0.4877

242.9306, 0.3934,
0.4017

2.9736, 0.5191,
0.4809

292.7277, 0.3887,

1.1180, 0.5310,

0.3977

0.4690

348.9034, 0.3846,
0.3941

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5716, 0.4377,
0.4388

56.5716, 0.4377,
0.4388

53.0497, 0.4563,
0.4477

60.3987, 0.4176,
0.4259

49.8081, 0.4723,
0.4518


64.5375, 0.3968,
0.4102

46.8294, 0.4850,
0.4508

69.0039, 0.3764,
0.3929


45.6960, 0.4896,
0.4495


73.8099, 0.3569,
0.3747

 78.9668, 0.3387,
0.3566

 84.4851, 0.3220,
0.3391

 90.3748, 0.3068,
0.3224

 95.3054, 0.3042,
0.3257

 97.4415, 0.3041,
0.3290

Harmonies

Analogous

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



56.5716, 0.4686, 0.3842



56.5716, 0.4377, 0.4388



56.5716, 0.3752, 0.4731

Triad

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



56.5716, 0.4377, 0.4388



56.5716, 0.1896, 0.3069



56.5716, 0.3095, 0.2332

Complementary

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



56.5716, 0.4377, 0.4388



24.6389, 0.1989, 0.1776

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.



56.5716, 0.2391, 0.2120



56.5716, 0.4377, 0.4388



56.5716, 0.1773, 0.2449

Square

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



56.5716, 0.4377, 0.4388



56.5716, 0.2323, 0.3913



56.5716, 0.1941, 0.2145



56.5716, 0.3906, 0.2737

Rectangle

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



56.5716, 0.4377, 0.4388



56.5716, 0.3253, 0.4707



56.5716, 0.1941, 0.2145



56.5716, 0.2837, 0.2238

Sweetspot

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



56.5744, 0.4377, 0.4388



87.3326, 0.3459, 0.3640



26.4073, 0.4594, 0.2790



18.3402, 0.3511, 0.3691



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.



56.5744, 0.4377, 0.4388



59.0743, 0.4618, 0.4496



77.4965, 0.3819, 0.4925



17.5719, 0.3276, 0.3451



25.0312, 0.4881, 0.4506



2.2596, 0.4768, 0.4596

Inverse Universe

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



24.6389, 0.1989, 0.1776



20.6877, 0.1801, 0.1438



15.7697, 0.2018, 0.1250



16.0396, 0.2980, 0.3123



6.4422, 0.1620, 0.1033



0.7075, 0.1692, 0.1292

Previews

White Background



This preview shows how the Yxy color 56.5716, 0.4377, 0.4388 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 56.5716, 0.4377, 0.4388 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 56.5716, 0.4377, 0.4388

Background



This preview shows how black text looks on a background with the Yxy color 56.5716, 0.4377, 0.4388.



This preview shows how white text looks on a background with the Yxy color 56.5716, 0.4377, 0.4388.

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

56.5716, 0.4377, 0.4388

Protanopia

56.8591, 0.4136, 0.4537

Deuteranopia

56.6126, 0.4428, 0.4340



Tritanopia

56.2302, 0.3622, 0.3143

Trichromacy



Original Color

56.5716, 0.4377, 0.4388

Protanomaly

56.5984, 0.4223, 0.4485

Deuteranomaly

56.6845, 0.4404, 0.4358

Tritanomaly

55.7597, 0.3937, 0.3617

Monochromacy



Original Color

56.5716, 0.4377, 0.4388

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2887, 0.3593, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5716, 0.4377, 0.4388 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(241, 191, 82)` looks like.

```
.text, #text, p{  
    color:rgb(241, 191, 82)  
}
```

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(241, 191, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 82) }
```

Border

The CSS property to change the border of an element to Yxy 56.5716, 0.4377, 0.4388 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(241, 191, 82) }
```

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

```
.border{ border-color:rgb(241, 191, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 191, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 82);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5716, 0.4377, 0.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 191, 82) }
```

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

```
.background{ background-color: rgb(241,  
191, 82) }
```

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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