

Converting Colors

$Yxy(56.0355, 0.4629, 0.4639)$

Have a look what the booklet for
Yxy(56.0355, 0.4629, 0.4639)
contains.

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Color

Yxy(56.1346, 0.4624, 0.4643)

Conversions

Conversions Part 1

Format	Color
Hex	F4BE1A
RGB	244, 190, 26
RGB Percent	96%, 75%, 10%
CMY	0.0432, 0.2549, 0.8982
CMYK	0.00, 0.22, 0.89, 0.04
HSL	45°, 91%, 53%
HSV	45°, 89%, 96%
XYZ	55.9049, 56.1346, 8.8621
YIQ	187.4500, 84.8280, -39.5560

Conversions

Conversions Part 2

Format	Color
R _Y B	98, 244, 26
Decimal	16039450
CIE Lab	79.69, 6.47, 78.31
CIE LCh	80, 78.576, 85.276
Yxy	56.1346, 0.4624, 0.4643
Android (android.graphics.Color)	4294229530 (0xFFFF4BE1A)
YUV	187.4500, -79.5948, 49.5944
Hunter-Lab	74.9230, 2.0750, 45.4331

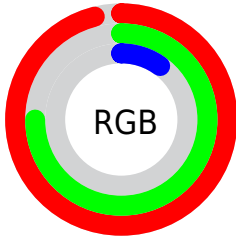
Details

The Yxy color **56.1346, 0.4624, 0.4643** is a light color, and the websafe version is hex **FFCC33**.

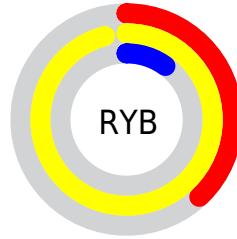
The color can be described as light washed orange. A complement of this color would be **12.4760, 0.1648, 0.1048**, and the grayscale version is **50.3828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9442, 0.4068, 0.4699**, and **27.9586, 0.4720, 0.4634** is the 20% darker color. If you saturate the color by 10%, you get **53.5037, 0.4716, 0.4634**, and if you desaturate by 10%, it is **58.9675, 0.4503, 0.4607**.

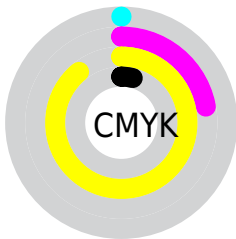
Distribution



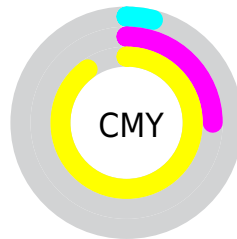
- Red (96%)
- Green (75%)
- Blue (10%)



- Red (38%)
- Yellow (96%)
- Blue (10%)



- Cyan (0%)
- Magenta (22%)
- Yellow (89%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1346, 0.4624, 0.4643 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 56.1346, 0.4624, 0.4643 by changing the saturation by 10% instead.


 56.1346, 0.4624,
0.4643


 56.1346, 0.4624,
0.4643


410.1986, 0.3986,
0.4093

 40.3109, 0.4736,
0.4730


 99.2013, 0.4426,
0.4480


 27.7810, 0.4852,
0.4813


 127.2131, 0.4342,
0.4408

 18.1606, 0.4973,
0.4889

 160.0564, 0.4266,
0.4342

 11.0654, 0.5072,
0.4928

 198.1155, 0.4197,
0.4282

 6.1108, 0.5115,
0.4885

 241.7749, 0.4136,
0.4228

 2.9126, 0.5182,
0.4818

 291.4189, 0.4081,

 1.0863, 0.5299,

0.4179

347.4320, 0.4031,
0.4134

0.4701

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1346, 0.4624,
0.4643

■ 56.1346, 0.4624,
0.4643

■ 53.5037, 0.4716,
0.4634


■ 58.9675, 0.4503,
0.4607

■ 53.3413, 0.4722,
0.4633


■ 62.0197, 0.4353,
0.4522


■ 65.3107, 0.4182,
0.4394


■ 68.8549, 0.3997,
0.4234

 72.6649, 0.3807,
0.4051

 76.7525, 0.3620,
0.3857

 81.1280, 0.3441,
0.3659

 85.8013, 0.3273,
0.3465

 90.7818, 0.3118,
0.3278

Harmonies

Analogous

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



56.1346, 0.5097, 0.3937



56.1346, 0.4624, 0.4643



56.1346, 0.3803, 0.5160

Triad

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



56.1346, 0.4624, 0.4643



56.1346, 0.1569, 0.2910



56.1346, 0.3124, 0.2124

Complementary

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



56.1346, 0.4624, 0.4643



12.4760, 0.1648, 0.1048

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.



56.1346, 0.2230, 0.1855



56.1346, 0.4624, 0.4643



56.1346, 0.1462, 0.2171

Square

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



56.1346, 0.4624, 0.4643



56.1346, 0.2045, 0.4047



56.1346, 0.1679, 0.1853



56.1346, 0.4188, 0.2616

Rectangle

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



56.1346, 0.4624, 0.4643



56.1346, 0.3176, 0.5170



56.1346, 0.1679, 0.1853



56.1346, 0.2792, 0.2007

Sweetspot

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



56.1374, 0.4624, 0.4643



85.9350, 0.3578, 0.3811



20.5535, 0.5650, 0.2967



18.0497, 0.3641, 0.3879



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.



56.1374, 0.4624, 0.4643



58.9039, 0.4723, 0.4632



75.6490, 0.3776, 0.5326



18.5780, 0.3275, 0.3467



29.2339, 0.4711, 0.4641



2.7303, 0.4632, 0.4704

Inverse Universe

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



12.4760, 0.1648, 0.1048



10.7890, 0.1571, 0.0854



8.9928, 0.1738, 0.0780



16.5931, 0.2979, 0.3106



5.5120, 0.1579, 0.0883



0.6404, 0.1643, 0.1114

Previews

White Background



This preview shows how the Yxy color 56.1346, 0.4624, 0.4643 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 56.1346, 0.4624, 0.4643 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 56.1346, 0.4624, 0.4643

Background



This preview shows how black text looks on a background with the Yxy color 56.1346, 0.4624, 0.4643.



This preview shows how white text looks on a background with the Yxy color 56.1346, 0.4624, 0.4643.

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

56.1346, 0.4624, 0.4643

Protanopia

56.1649, 0.4371, 0.4828

Deuteranopia

56.3743, 0.4687, 0.4586



Tritanopia

56.0446, 0.3688, 0.3155

Trichromacy



Original Color

56.1346, 0.4624, 0.4643

Protanomaly

56.1030, 0.4467, 0.4757

Deuteranomaly

56.4308, 0.4663, 0.4608

Tritanomaly

55.3916, 0.4173, 0.3841

Monochromacy



Original Color

56.1346, 0.4624, 0.4643

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.9348, 0.3784, 0.4025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1346, 0.4624, 0.4643 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(244, 190, 26)` looks like.

```
.text, #text, p{  
    color:rgb(244, 190, 26)  
}
```

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(244, 190, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 190, 26) }
```

Border

The CSS property to change the border of an element to Yxy 56.1346, 0.4624, 0.4643 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(244, 190, 26) }
```

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

```
.border{ border-color:rgb(244, 190, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 190, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 190, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 190, 26);  
box-shadow:4px 4px 4px 4px rgb(244, 190,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1346, 0.4624, 0.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 190, 26) }
```

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

```
.background{ background-color: rgb(244,  
190, 26) }
```

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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