

Converting Colors

Yxy(56.2880, 0.4637, 0.4539)

Have a look what the booklet for
Yxy(56.2880, 0.4637, 0.4539)
contains.

Yxy(56.2880, 0.4637, 0.4539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2880, 0.4637, 0.4539)

Conversions

Conversions Part 1

Format	Color
Hex	F9BC2C
RGB	249, 188, 44
RGB Percent	98%, 74%, 17%
CMY	0.0236, 0.2627, 0.8274
CMYK	0.00, 0.24, 0.82, 0.02
HSL	42°, 94%, 57%
HSV	42°, 82%, 98%
XYZ	57.5033, 56.2880, 10.2184
YIQ	189.8230, 82.5800, -31.8520

Conversions

Conversions Part 2

Format	Color
R _Y B	131, 249, 44
Decimal	16366636
CIE Lab	79.78, 10.05, 74.25
CIE LCh	80, 74.923, 82.291
Yxy	56.2880, 0.4637, 0.4539
Android (android.graphics.Color)	4294556716 (0xFFFF9BC2C)
YUV	189.8230, -71.8907, 51.8982
Hunter-Lab	75.0253, 5.5173, 44.4425

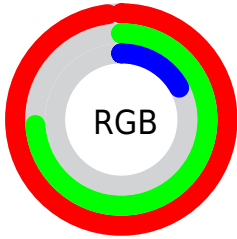
Details

The Yxy color **56.2880, 0.4637, 0.4539** is a light color, and the websafe version is hex **FFCC33**.

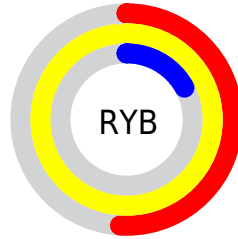
The color can be described as light washed orange. A complement of this color would be **17.4794, 0.1751, 0.1320**, and the grayscale version is **51.7743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9406, 0.4032, 0.4610**, and **27.8927, 0.4788, 0.4580** is the 20% darker color. If you saturate the color by 10%, you get **53.0716, 0.4769, 0.4550**, and if you desaturate by 10%, it is **59.7846, 0.4474, 0.4477**.

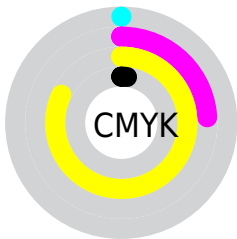
Distribution



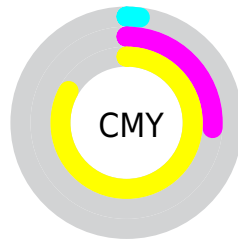
- Red (98%)
- Green (74%)
- Blue (17%)



- Red (51%)
- Yellow (98%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (82%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2880, 0.4637, 0.4539 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 56.2880, 0.4637, 0.4539 by changing the saturation by 10% instead.

 56.2880, 0.4637,
0.4539

 56.2880, 0.4637,
0.4539


410.7760, 0.3978,
0.4032


 40.4339, 0.4759,
0.4620


 99.4255, 0.4428,
0.4388


 27.8770, 0.4890,
0.4698

 127.4777, 0.4340,
0.4322


 18.2330, 0.5026,
0.4763


 160.3648, 0.4262,
0.4261

 11.1174, 0.5180,
0.4820

 198.4710, 0.4192,
0.4206

 6.1458, 0.5245,
0.4755

 242.1808, 0.4130,
0.4156

 2.9340, 0.5346,
0.4654

 291.8787, 0.4074,

 1.0974, 0.5521,

0.4111

0.4479

347.9489, 0.4024,
0.4069

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2880, 0.4637,
0.4539

■ 56.2880, 0.4637,
0.4539

■ 53.0716, 0.4769,
0.4550

■ 59.7846, 0.4474,
0.4477

■ 50.7639, 0.4852,
0.4530

■ 63.5728, 0.4288,
0.4369


■ 67.6722, 0.4089,
0.4226


■ 72.0976, 0.3887,
0.4058

 76.8623, 0.3688,
0.3877

 81.9787, 0.3499,
0.3691

 87.4584, 0.3323,
0.3507

 93.3119, 0.3162,
0.3330

 98.6759, 0.3090,
0.3287

Harmonies

Analogous

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



56.2880, 0.5032, 0.3861



56.2880, 0.4637, 0.4539



56.2880, 0.3876, 0.5050

Triad

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



56.2880, 0.4637, 0.4539



56.2880, 0.1659, 0.3030



56.2880, 0.3030, 0.2131

Complementary

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



56.2880, 0.4637, 0.4539



17.4794, 0.1751, 0.1320

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.



56.2880, 0.2199, 0.1895



56.2880, 0.4637, 0.4539



56.2880, 0.1518, 0.2273

Square

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



56.2880, 0.4637, 0.4539



56.2880, 0.2161, 0.4122



56.2880, 0.1698, 0.1923



56.2880, 0.4043, 0.2590

Rectangle

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



56.2880, 0.4637, 0.4539



56.2880, 0.3277, 0.5096



56.2880, 0.1698, 0.1923



56.2880, 0.2720, 0.2025

Sweetspot

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



56.2908, 0.4637, 0.4539



85.0424, 0.3549, 0.3741



22.9720, 0.5239, 0.2829



17.7944, 0.3615, 0.3807



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.



56.2908, 0.4637, 0.4539



53.8638, 0.4842, 0.4532



81.3386, 0.3854, 0.5195



19.2675, 0.3276, 0.3456



27.4346, 0.4839, 0.4540



2.7256, 0.4743, 0.4616

Inverse Universe

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



17.4794, 0.1751, 0.1320



12.6370, 0.1606, 0.0977



10.5742, 0.1770, 0.0861



17.4847, 0.2979, 0.3118



6.5033, 0.1608, 0.0989



0.7785, 0.1672, 0.1220

Previews

White Background



This preview shows how the Yxy color 56.2880, 0.4637, 0.4539 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 56.2880, 0.4637, 0.4539 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 56.2880, 0.4637, 0.4539

Background



This preview shows how black text looks on a background with the Yxy color 56.2880, 0.4637, 0.4539.



This preview shows how white text looks on a background with the Yxy color 56.2880, 0.4637, 0.4539.

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

56.2880, 0.4637, 0.4539

Protanopia

56.2814, 0.4324, 0.4758

Deuteranopia

56.2880, 0.4637, 0.4539



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.2880, 0.4637, 0.4539

Protanomaly

55.9366, 0.4437, 0.4678

Deuteranomaly

56.2880, 0.4637, 0.4539

Tritanomaly

55.7080, 0.4154, 0.3764

Monochromacy



Original Color

56.2880, 0.4637, 0.4539

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0502, 0.3735, 0.3922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2880, 0.4637, 0.4539 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(249, 188, 44)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 44)  
}
```

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(249, 188, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 44) }
```

Border

The CSS property to change the border of an element to Yxy 56.2880, 0.4637, 0.4539 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(249, 188, 44) }
```

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

```
.border{ border-color:rgb(249, 188, 44) }
```

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

Here you see how a box with a 4 pixel rgb(249, 188, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 44);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2880, 0.4637, 0.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 44) }
```

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

```
.background{ background-color: rgb(249,  
188, 44) }
```

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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