

Converting Colors

$Yxy(56.3730, 0.4282, 0.4299)$

Have a look what the booklet for
Yxy(56.3730, 0.4282, 0.4299)
contains.

Yxy(56.4205, 0.4288, 0.4301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4205, 0.4288, 0.4301)

Conversions

Conversions Part 1

Format	Color
Hex	EFBF5E
RGB	239, 191, 94
RGB Percent	94%, 75%, 37%
CMY	0.0627, 0.2510, 0.6315
CMYK	0.00, 0.20, 0.61, 0.06
HSL	40°, 82%, 65%
HSV	40°, 61%, 94%
XYZ	56.2500, 56.4205, 18.5095
YIQ	194.2940, 59.7450, -19.9910

Conversions

Conversions Part 2

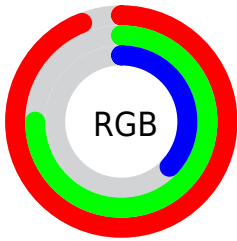
Format	Color
R_{YB}	166, 239, 94
Decimal	15712094
CIE _{Lab}	79.85, 6.63, 54.47
CIE _{LCh}	80, 54.873, 83.059
Yxy	56.4205, 0.4288, 0.4301
Android (android.graphics.Color)	4293902174 (0xFFEFBF5E)
YUV	194.2940, -49.4449, 39.2072
Hunter-Lab	75.1136, 2.2237, 37.9693

Details

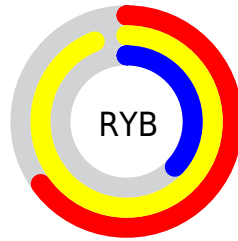
The Yxy color **56.4205, 0.4288, 0.4301** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **27.9535, 0.2084, 0.1951**, and the grayscale version is **54.4051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8881, 0.3791, 0.4272**, and **28.0404, 0.4539, 0.4496** is the 20% darker color. If you saturate the color by 10%, you get **52.7004, 0.4490, 0.4410**, and if you desaturate by 10%, it is **60.4653, 0.4077, 0.4159**.

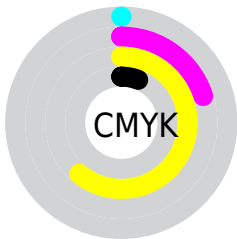
Distribution



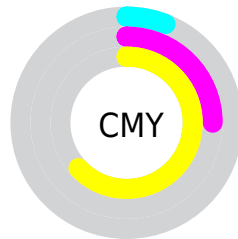
- Red (94%)
- Green (75%)
- Blue (37%)



- Red (65%)
- Yellow (94%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (61%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4205, 0.4288, 0.4301 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 56.4205, 0.4288, 0.4301 by changing the saturation by 10% instead.


 56.4205, 0.4288,
0.4301


 56.4205, 0.4288,
0.4301


411.2743, 0.3752,
0.3851


 40.5402, 0.4402,
0.4391


 99.6191, 0.4107,
0.4153

 27.9600, 0.4535,
0.4493


 127.7062, 0.4035,
0.4093

 18.2955, 0.4690,
0.4604


 160.6310, 0.3972,
0.4040

 11.1623, 0.4863,
0.4716

 198.7779, 0.3917,
0.3993

 6.1761, 0.5121,
0.4879

242.5312, 0.3868,
0.3951

 2.9525, 0.5188,
0.4812

292.2755, 0.3825,

 1.1070, 0.5306,

0.3914

0.4694

348.3951, 0.3786,
0.3881

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4205, 0.4288,
0.4301

56.4205, 0.4288,
0.4301

52.7004, 0.4490,
0.4410

60.4653, 0.4077,
0.4159

49.2811, 0.4672,
0.4474

64.8406, 0.3866,
0.3995


46.1472, 0.4825,
0.4488


69.5618, 0.3662,
0.3820


43.4575, 0.4941,
0.4459

74.6406, 0.3472,
0.3642

 80.0881, 0.3296,
0.3468

 85.9147, 0.3137,
0.3301

 91.7188, 0.3030,
0.3205

 96.6449, 0.3030,
0.3283

 97.0927, 0.3029,
0.3290

Harmonies

Analogous

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



56.4205, 0.4553, 0.3805



56.4205, 0.4288, 0.4301



56.4205, 0.3724, 0.4599

Triad

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



56.4205, 0.4288, 0.4301



56.4205, 0.2000, 0.3111



56.4205, 0.3088, 0.2400

Complementary

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



56.4205, 0.4288, 0.4301



27.9535, 0.2084, 0.1951

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.



56.4205, 0.2443, 0.2208



56.4205, 0.4288, 0.4301



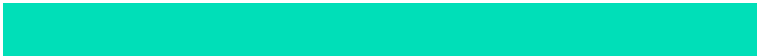
56.4205, 0.1876, 0.2534

Square

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



56.4205, 0.4288, 0.4301



56.4205, 0.2406, 0.3869



56.4205, 0.2028, 0.2240



56.4205, 0.3825, 0.2775

Rectangle

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



56.4205, 0.4288, 0.4301



56.4205, 0.3267, 0.4571



56.4205, 0.2028, 0.2240



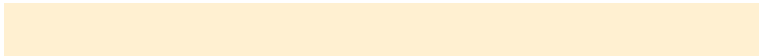
56.4205, 0.2853, 0.2314

Sweetspot

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



56.4232, 0.4288, 0.4301



88.0745, 0.3424, 0.3596



28.3170, 0.4378, 0.2785



18.4675, 0.3477, 0.3648



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.



56.4232, 0.4288, 0.4301



59.9962, 0.4539, 0.4431



76.9703, 0.3802, 0.4809



17.5259, 0.3276, 0.3447



24.2634, 0.4926, 0.4471



2.2000, 0.4805, 0.4567

Inverse Universe

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



27.9535, 0.2084, 0.1951



24.5702, 0.1891, 0.1628



18.0964, 0.2100, 0.1404



16.0835, 0.2980, 0.3127



6.7575, 0.1632, 0.1074



0.7378, 0.1704, 0.1335

Previews

White Background



This preview shows how the Yxy color 56.4205, 0.4288, 0.4301 looks on a white background.

Color Contrast Check

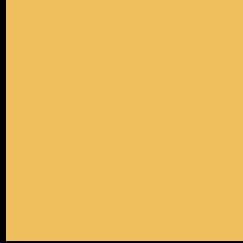
Large Text (above 18pt) WCAG AA × Fail

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 56.4205, 0.4288, 0.4301 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 56.4205, 0.4288, 0.4301

Background



This preview shows how black text looks on a background with the Yxy color 56.4205, 0.4288, 0.4301.



This preview shows how white text looks on a background with the Yxy color 56.4205, 0.4288, 0.4301.

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

56.4205, 0.4288, 0.4301

Protanopia

56.2928, 0.4056, 0.4432

Deuteranopia

56.6339, 0.4346, 0.4250



Tritanopia

56.3117, 0.3594, 0.3142

Trichromacy



Original Color

56.4205, 0.4288, 0.4301

Protanomaly

56.0252, 0.4142, 0.4383

Deuteranomaly

56.7078, 0.4322, 0.4267

Tritanomaly

55.9827, 0.3872, 0.3576

Monochromacy



Original Color

56.4205, 0.4288, 0.4301

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3102, 0.3544, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4205, 0.4288, 0.4301 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(239, 191, 94)` looks like.

```
.text, #text, p{  
    color:rgb(239, 191, 94)  
}
```

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(239, 191, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 191, 94) }
```

Border

The CSS property to change the border of an element to Yxy 56.4205, 0.4288, 0.4301 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(239, 191, 94) }
```

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

```
.border{ border-color:rgb(239, 191, 94) }
```

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

Here you see how a box with a 4 pixel rgb(239, 191, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 191, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 191, 94);  
box-shadow:4px 4px 4px 4px rgb(239, 191,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4205, 0.4288, 0.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 191, 94) }
```

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

```
.background{ background-color: rgb(239,  
191, 94) }
```

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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