

Converting Colors

Yxy(56.4322, 0.4406, 0.4457)

Have a look what the booklet for
Yxy(56.4322, 0.4406, 0.4457)
contains.

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Color

Yxy(56.2813, 0.4412, 0.4450)

Conversions

Conversions Part 1

Format	Color
Hex	F0BF4A
RGB	240, 191, 74
RGB Percent	94%, 75%, 29%
CMY	0.0588, 0.2509, 0.7100
CMYK	0.00, 0.20, 0.69, 0.06
HSL	42°, 85%, 62%
HSV	42°, 69%, 94%
XYZ	55.8007, 56.2813, 14.3928
YIQ	192.3130, 66.7610, -25.9990

Conversions

Conversions Part 2

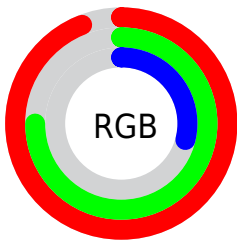
Format	Color
RYB	144, 240, 74
Decimal	15777610
CIELab	79.77, 5.85, 63.25
CIELCh	80, 63.516, 84.714
Yxy	56.2813, 0.4412, 0.4450
Android (android.graphics.Color)	4293967690 (0xFFFF0BF4A)
YUV	192.3130, -58.3283, 41.8215
Hunter-Lab	75.0209, 1.4822, 41.1398

Details

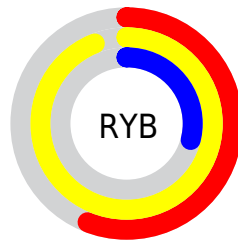
The Yxy color **56.2813, 0.4412, 0.4450** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **21.8986, 0.1929, 0.1649**, and the grayscale version is **53.2225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3400, 0.3895, 0.4439**, and **27.9000, 0.4658, 0.4648** is the 20% darker color. If you saturate the color by 10%, you get **53.0056, 0.4582, 0.4528**, and if you desaturate by 10%, it is **59.8351, 0.4222, 0.4329**.

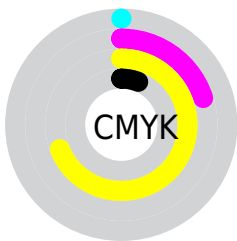
Distribution



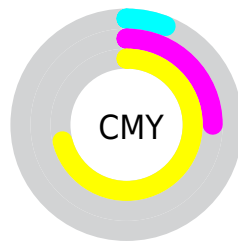
- Red (94%)
- Green (75%)
- Blue (29%)



- Red (56%)
- Yellow (94%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2813, 0.4412, 0.4450 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 56.2813, 0.4412, 0.4450 by changing the saturation by 10% instead.


 56.2813, 0.4412,
0.4450

 56.2813, 0.4412,
0.4450


410.7507, 0.3833,
0.3946


 40.4285, 0.4528,
0.4545


 99.4157, 0.4222,
0.4289


 27.8728, 0.4658,
0.4647

 127.4662, 0.4144,
0.4222


 18.2298, 0.4801,
0.4751


 160.3513, 0.4076,
0.4162

 11.1151, 0.4971,
0.4866

 198.4555, 0.4016,
0.4109

 6.1443, 0.5092,
0.4908

 242.1631, 0.3962,
0.4062

 2.9330, 0.5152,
0.4848

291.8586, 0.3915,

 1.0969, 0.5258,

0.4019

0.4742

347.9264, 0.3872,
0.3981

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2813, 0.4412,
0.4450

■ 56.2813, 0.4412,
0.4450

■ 53.0056, 0.4582,
0.4528

■ 59.8351, 0.4222,
0.4329

■ 49.9828, 0.4724,
0.4557

■ 63.6734, 0.4022,
0.4177

■ 47.1905, 0.4835,
0.4538


■ 67.8120, 0.3821,
0.4003

■ 46.9705, 0.4844,
0.4536


■ 72.2627, 0.3626,
0.3819

 77.0365, 0.3441,
0.3633

 82.1436, 0.3271,
0.3451

 87.5936, 0.3115,
0.3276

 92.6697, 0.3036,
0.3218

 97.0988, 0.3035,
0.3287

Harmonies

Analogous

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



56.2813, 0.4759, 0.3878



56.2813, 0.4412, 0.4450



56.2813, 0.3746, 0.4811

Triad

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



56.2813, 0.4412, 0.4450



56.2813, 0.1829, 0.3023



56.2813, 0.3121, 0.2302

Complementary

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



56.2813, 0.4412, 0.4450



21.8986, 0.1929, 0.1649

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.



56.2813, 0.2377, 0.2074



56.2813, 0.4412, 0.4450



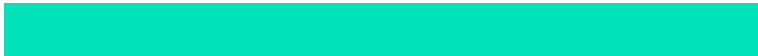
56.2813, 0.1716, 0.2387

Square

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



56.2813, 0.4412, 0.4450



56.2813, 0.2259, 0.3915



56.2813, 0.1901, 0.2087



56.2813, 0.3976, 0.2727

Rectangle

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



56.2813, 0.4412, 0.4450



56.2813, 0.3222, 0.4781



56.2813, 0.1901, 0.2087



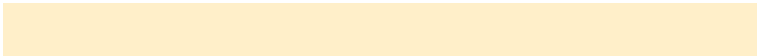
56.2813, 0.2849, 0.2202

Sweetspot

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



56.2840, 0.4412, 0.4450



87.3484, 0.3475, 0.3668



24.8664, 0.4749, 0.2811



18.3675, 0.3526, 0.3719



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.



56.2840, 0.4412, 0.4450



59.3792, 0.4644, 0.4546



76.0487, 0.3815, 0.4996



17.6254, 0.3276, 0.3456



25.9546, 0.4831, 0.4546



2.3309, 0.4727, 0.4629

Inverse Universe

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



21.8986, 0.1929, 0.1649



18.0077, 0.1740, 0.1295



14.3192, 0.1980, 0.1169



15.9887, 0.2980, 0.3119



6.0983, 0.1608, 0.0987



0.6737, 0.1679, 0.1243

Previews

White Background



This preview shows how the Yxy color 56.2813, 0.4412, 0.4450 looks on a white background.

Color Contrast Check

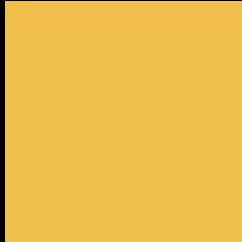
Large Text (above 18pt) WCAG AA × Fail

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 56.2813, 0.4412, 0.4450 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 56.2813, 0.4412, 0.4450

Background



This preview shows how black text looks on a background with the Yxy color 56.2813, 0.4412, 0.4450.



This preview shows how white text looks on a background with the Yxy color 56.2813, 0.4412, 0.4450.

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

56.2813, 0.4412, 0.4450

Protanopia

56.2821, 0.4186, 0.4591

Deuteranopia

56.2486, 0.4489, 0.4383



Tritanopia

56.2302, 0.3622, 0.3143

Trichromacy



Original Color

56.2813, 0.4412, 0.4450

Protanomaly

56.0322, 0.4274, 0.4537

Deuteranomaly

56.1363, 0.4456, 0.4406

Tritanomaly

55.6618, 0.3963, 0.3650

Monochromacy



Original Color

56.2813, 0.4412, 0.4450

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4245, 0.3610, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2813, 0.4412, 0.4450 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(240, 191, 74)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 74)  
}
```

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(240, 191, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 74) }
```

Border

The CSS property to change the border of an element to Yxy 56.2813, 0.4412, 0.4450 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(240, 191, 74) }
```

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

```
.border{ border-color:rgb(240, 191, 74) }
```

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

Here you see how a box with a 4 pixel rgb(240, 191, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 74);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2813, 0.4412, 0.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 74) }
```

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

```
.background{ background-color: rgb(240,  
191, 74) }
```

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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