

Converting Colors

$Yxy(56.0084, 0.4517, 0.4384)$

Have a look what the booklet for
Yxy(56.0084, 0.4517, 0.4384)
contains.

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Color

Yxy(55.9781, 0.4516, 0.4383)

Conversions

Conversions Part 1

Format	Color
Hex	F8BB49
RGB	248, 187, 73
RGB Percent	97%, 73%, 29%
CMY	0.0276, 0.2666, 0.7139
CMYK	0.00, 0.25, 0.71, 0.03
HSL	39°, 93%, 63%
HSV	39°, 71%, 97%
XYZ	57.6767, 55.9781, 14.0616
YIQ	192.2430, 72.9500, -22.5220

Conversions

Conversions Part 2

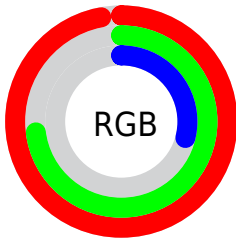
Format	Color
RYB	167, 248, 73
Decimal	16300873
CIELab	79.60, 11.23, 63.74
CIELCh	80, 64.719, 80.004
Yxy	55.9781, 0.4516, 0.4383
Android (android.graphics.Color)	4294490953 (0xFFFF8BB49)
YUV	192.2430, -58.7868, 48.8989
Hunter-Lab	74.8185, 6.6712, 41.2299

Details

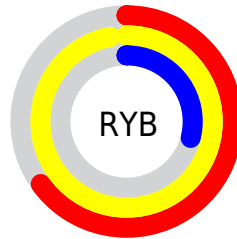
The Yxy color **55.9781, 0.4516, 0.4383** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **25.2191, 0.1937, 0.1732**, and the grayscale version is **53.1790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8935, 0.3919, 0.4415**, and **27.6325, 0.4786, 0.4550** is the 20% darker color. If you saturate the color by 10%, you get **52.1594, 0.4706, 0.4444**, and if you desaturate by 10%, it is **60.1537, 0.4306, 0.4278**.

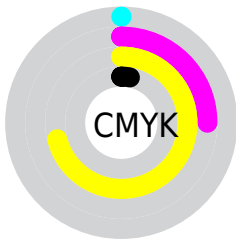
Distribution



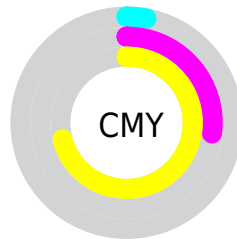
- Red (97%)
- Green (73%)
- Blue (29%)



- Red (65%)
- Yellow (97%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9781, 0.4516, 0.4383 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 55.9781, 0.4516, 0.4383 by changing the saturation by 10% instead.


 55.9781, 0.4516,
0.4383

 55.9781, 0.4516,
0.4383


409.6090, 0.3886,
0.3921


 40.1854, 0.4643,
0.4465


 98.9726, 0.4308,
0.4239

 27.6831, 0.4788,
0.4551


 126.9431, 0.4223,
0.4178

 18.0869, 0.4949,
0.4632


 159.7416, 0.4149,
0.4123

 11.0124, 0.5145,
0.4718

 197.7526, 0.4084,
0.4074

 6.0752, 0.5290,
0.4710

 241.3605, 0.4026,
0.4030

 2.8908, 0.5402,
0.4598

290.9495, 0.3974,

 1.0750, 0.5597,

0.3990

0.4403

346.9042, 0.3928,
0.3954

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9781, 0.4516,
0.4383

55.9781, 0.4516,
0.4383

52.1594, 0.4706,
0.4444

60.1537, 0.4306,
0.4278

48.6689, 0.4867,
0.4454


64.6957, 0.4089,
0.4139


45.6534, 0.4991,
0.4419


69.6226, 0.3872,
0.3978

74.9488, 0.3666,
0.3807

 80.6877, 0.3472,
0.3633

 86.8518, 0.3296,
0.3462

 93.4530, 0.3136,
0.3299

 98.6918, 0.3084,
0.3290

Harmonies

Analogous

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



55.9781, 0.4803, 0.3787



55.9781, 0.4516, 0.4383



55.9781, 0.3874, 0.4810

Triad

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



55.9781, 0.4516, 0.4383



55.9781, 0.1853, 0.3147



55.9781, 0.2986, 0.2235

Complementary

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



55.9781, 0.4516, 0.4383



25.2191, 0.1937, 0.1732

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.



55.9781, 0.2267, 0.2039



55.9781, 0.4516, 0.4383



55.9781, 0.1690, 0.2447

Square

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



55.9781, 0.4516, 0.4383



55.9781, 0.2338, 0.4073



55.9781, 0.1831, 0.2093



55.9781, 0.3861, 0.2638

Rectangle

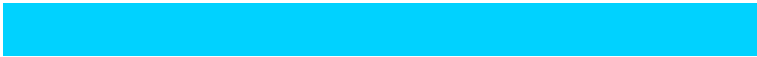
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9781, 0.4516, 0.4383



55.9781, 0.3348, 0.4848



55.9781, 0.1831, 0.2093



55.9781, 0.2719, 0.2144

Sweetspot

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



55.9809, 0.4516, 0.4383



85.6901, 0.3481, 0.3641



26.4396, 0.4672, 0.2721



17.9709, 0.3533, 0.3689



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.



55.9809, 0.4516, 0.4383



53.8449, 0.4784, 0.4455



83.0855, 0.3885, 0.4981



19.1135, 0.3278, 0.3444



24.9404, 0.4974, 0.4432



2.5082, 0.4857, 0.4526

Inverse Universe

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



25.2191, 0.1937, 0.1732



19.6138, 0.1755, 0.1386



14.2010, 0.1899, 0.1101



17.6317, 0.2979, 0.3131



7.5254, 0.1643, 0.1116



0.8871, 0.1709, 0.1351

Previews

White Background



This preview shows how the Yxy color 55.9781, 0.4516, 0.4383 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 55.9781, 0.4516, 0.4383 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 55.9781, 0.4516, 0.4383

Background



This preview shows how black text looks on a background with the Yxy color 55.9781, 0.4516, 0.4383.



This preview shows how white text looks on a background with the Yxy color 55.9781, 0.4516, 0.4383.

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

55.9781, 0.4516, 0.4383

Protanopia

56.1256, 0.4177, 0.4596

Deuteranopia

56.0403, 0.4491, 0.4401



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.9781, 0.4516, 0.4383

Protanomaly

55.9146, 0.4298, 0.4518

Deuteranomaly

56.2216, 0.4500, 0.4396

Tritanomaly

55.4445, 0.4055, 0.3642

Monochromacy



Original Color

55.9781, 0.4516, 0.4383

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9939, 0.3643, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9781, 0.4516, 0.4383 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(248, 187, 73)` looks like.

```
.text, #text, p{  
    color:rgb(248, 187, 73)  
}
```

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(248, 187, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 187, 73) }
```

Border

The CSS property to change the border of an element to Yxy 55.9781, 0.4516, 0.4383 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(248, 187, 73) }
```

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

```
.border{ border-color:rgb(248, 187, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 187, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 187, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 187, 73);  
box-shadow:4px 4px 4px 4px rgb(248, 187,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9781, 0.4516, 0.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 187, 73) }
```

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

```
.background{ background-color: rgb(248,  
187, 73) }
```

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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