

Converting Colors

Yxy(53.8781, 0.4352, 0.4036)

Have a look what the booklet for
Yxy(53.8781, 0.4352, 0.4036)
contains.

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Color

Yxy(53.8650, 0.4352, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	F9B46C
RGB	249, 180, 108
RGB Percent	98%, 71%, 42%
CMY	0.0235, 0.2941, 0.5763
CMYK	0.00, 0.28, 0.57, 0.02
HSL	31°, 92%, 70%
HSV	31°, 57%, 98%
XYZ	58.0968, 53.8650, 21.5327
YIQ	192.4230, 64.2360, -7.7640

Conversions

Conversions Part 2

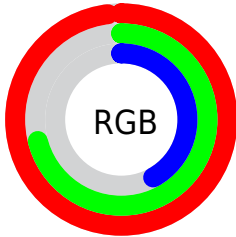
Format	Color
R _Y B	243, 249, 108
Decimal	16364652
CIE Lab	78.38, 17.51, 46.21
CIE LCh	78, 49.414, 69.245
Yxy	53.8650, 0.4352, 0.4035
Android (android.graphics.Color)	4294554732 (0xFFF9B46C)
YUV	192.4230, -41.6205, 49.6180
Hunter-Lab	73.3928, 12.8609, 33.9799

Details

The Yxy color **53.8650, 0.4352, 0.4035** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.4883, 0.2216, 0.2356**, and the grayscale version is **53.1961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8241, 0.3747, 0.4044**, and **26.3030, 0.4644, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **48.7041, 0.4626, 0.4126**, and if you desaturate by 10%, it is **59.6153, 0.4086, 0.3917**.

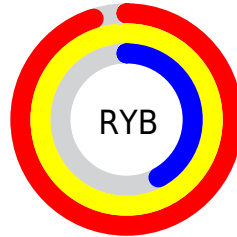
Distribution



Red (98%)

Green (71%)

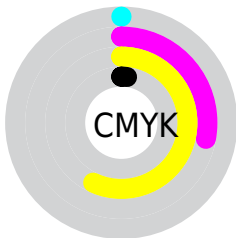
Blue (42%)



Red (95%)

Yellow (98%)

Blue (42%)

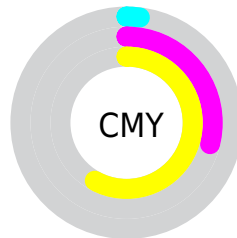


Cyan (0%)

Magenta (28%)

Yellow (57%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8650, 0.4352, 0.4035 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 53.8650, 0.4352, 0.4035 by changing the saturation by 10% instead.


 53.8650, 0.4352,
0.4035

 53.8650, 0.4352,
0.4035

401.5950, 0.3766,
0.3711

 38.4937, 0.4485,
0.4098

 95.8760, 0.4148,
0.3931


 26.3661, 0.4645,
0.4167


 123.2845, 0.4069,
0.3887

 17.0977, 0.4842,
0.4240


 155.4743, 0.4000,
0.3849

 10.3042, 0.5081,
0.4307

 192.8296, 0.3941,
0.3815

 5.6011, 0.5445,
0.4405

235.7350, 0.3889,
0.3785

 2.6041, 0.5706,
0.4294

284.5747, 0.3843,

 0.9287, 0.6015,

0.3758

0.3985

339.7333, 0.3802,
0.3733

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8650, 0.4352,
0.4035

53.8650, 0.4352,
0.4035

48.7041, 0.4626,
0.4126

59.6153, 0.4086,
0.3917

44.1003, 0.4893,
0.4177

65.9695, 0.3837,
0.3784

40.0292, 0.5136,
0.4176

72.9510, 0.3611,
0.3644

36.4590, 0.5340,
0.4119

80.5795, 0.3410,
0.3506

35.3503, 0.5403,
0.4092

88.8737, 0.3232,
0.3374

97.6931, 0.3091,
0.3272

98.8798, 0.3090,
0.3290

Harmonies

Analogous

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



53.8650, 0.4416, 0.3548



53.8650, 0.4352, 0.4035



53.8650, 0.3947, 0.4406

Triad

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



53.8650, 0.4352, 0.4035



53.8650, 0.2231, 0.3443



53.8650, 0.2800, 0.2359

Complementary

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



53.8650, 0.4352, 0.4035



41.4883, 0.2216, 0.2356

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.



53.8650, 0.2290, 0.2274



53.8650, 0.4352, 0.4035



53.8650, 0.1990, 0.2816

Square

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



53.8650, 0.4352, 0.4035



53.8650, 0.2718, 0.4105



53.8650, 0.2013, 0.2417



53.8650, 0.3461, 0.2637

Rectangle

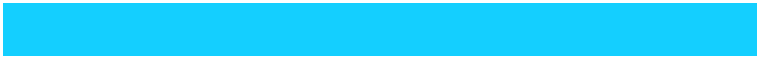
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8650, 0.4352, 0.4035



53.8650, 0.3558, 0.4497



53.8650, 0.2013, 0.2417



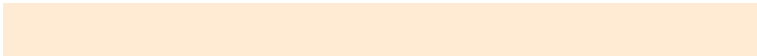
53.8650, 0.2607, 0.2307

Sweetspot

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



53.8677, 0.4352, 0.4035



84.7172, 0.3418, 0.3512



34.1085, 0.3954, 0.2568



17.7755, 0.3456, 0.3540



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.



53.8677, 0.4352, 0.4035



50.6600, 0.4666, 0.4136



88.9749, 0.3940, 0.4634



18.6904, 0.3281, 0.3411



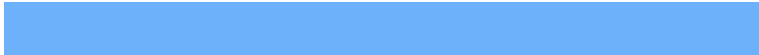
19.2079, 0.5378, 0.4112



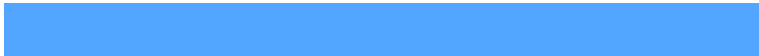
1.9913, 0.5199, 0.4254

Inverse Universe

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



41.4883, 0.2216, 0.2356



36.4409, 0.2054, 0.2126



20.7636, 0.2025, 0.1467



18.0458, 0.2980, 0.3166



11.3784, 0.1761, 0.1540



1.2654, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 53.8650, 0.4352, 0.4035 looks on a white background.

Color Contrast Check

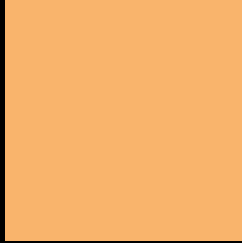
Large Text (above 18pt) WCAG AA × Fail

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 53.8650, 0.4352, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

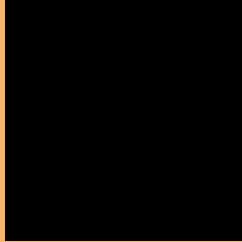
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8650, 0.4352, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 53.8650, 0.4352, 0.4035.



This preview shows how white text looks on a background with the Yxy color 53.8650, 0.4352, 0.4035.

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

53.8650, 0.4352, 0.4035

Protanopia

53.9220, 0.3913, 0.4244

Deuteranopia

53.7640, 0.4222, 0.4133



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

53.8650, 0.4352, 0.4035

Protanomaly

53.7116, 0.4071, 0.4171

Deuteranomaly

53.6293, 0.4271, 0.4100

Tritanomaly

53.5551, 0.4010, 0.3483

Monochromacy



Original Color

53.8650, 0.4352, 0.4035

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6858, 0.3559, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8650, 0.4352, 0.4035 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, 180, 108)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 108)  
}
```

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, 180, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 108) }
```

Border

The CSS property to change the border of an element to Yxy 53.8650, 0.4352, 0.4035 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, 180, 108) }
```

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

```
.border{ border-color:rgb(249, 180, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 180, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 108);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8650, 0.4352, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 180, 108) }
```

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

```
.background{ background-color: rgb(249,  
180, 108) }
```

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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