

Converting Colors

Yxy(58.5865, 0.4593, 0.3946)

Have a look what the booklet for
Yxy(58.5865, 0.4593, 0.3946)
contains.

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Color

Yxy(54.1623, 0.4425, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	FFB26B
RGB	255, 178, 107
RGB Percent	100%, 70%, 42%
CMY	0.0000, 0.3020, 0.5804
CMYK	0.00, 0.30, 0.58, 0.00
HSL	29°, 100%, 71%
HSV	29°, 58%, 100%
XYZ	59.8273, 54.1623, 21.2133
YIQ	192.9290, 68.6830, -5.7570

Conversions

Conversions Part 2

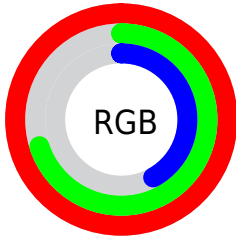
Format	Color
R_{YB}	255, 243, 107
Decimal	16757355
CIE _{Lab}	78.56, 20.94, 47.08
CIE _{LCh}	79, 51.529, 66.028
Yxy	54.1623, 0.4425, 0.4006
Android (android.graphics.Color)	4294947435 (0xFFFFB26B)
YUV	192.9290, -42.3630, 54.4363
Hunter-Lab	73.5950, 16.3159, 34.4265

Details

The Yxy color **54.1623, 0.4425, 0.4006** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.6383, 0.2207, 0.2388**, and the grayscale version is **53.5020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6437, 0.3760, 0.4035**, and **26.5647, 0.4739, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **48.6688, 0.4713, 0.4085**, and if you desaturate by 10%, it is **60.3128, 0.4145, 0.3898**.

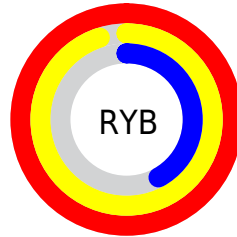
Distribution



Red (100%)

Green (70%)

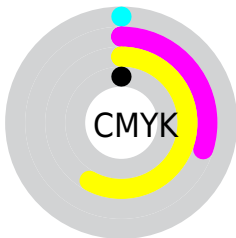
Blue (42%)



Red (100%)

Yellow (95%)

Blue (42%)

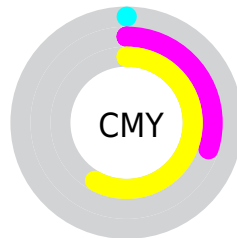


Cyan (0%)

Magenta (30%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1623, 0.4425, 0.4006 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 54.1623, 0.4425, 0.4006 by changing the saturation by 10% instead.


 54.1623, 0.4425,
0.4006


 54.1623, 0.4425,
0.4006


402.7286, 0.3804,
0.3702

 38.7314, 0.4565,
0.4062


 96.3125, 0.4209,
0.3910

 26.5509, 0.4735,
0.4123


 123.8006, 0.4125,
0.3870

 17.2362, 0.4942,
0.4183


 156.0766, 0.4053,
0.3834

 10.4030, 0.5195,
0.4231

 193.5249, 0.3990,
0.3802

 5.6670, 0.5581,
0.4305

236.5299, 0.3935,
0.3773

 2.6437, 0.5851,
0.4149

285.4759, 0.3886,

 0.9487, 0.6203,

0.3747

340.7473, 0.3843,
0.3724

0.3797

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1623, 0.4425,
0.4006

54.1623, 0.4425,
0.4006

48.6688, 0.4713,
0.4085

60.3128, 0.4145,
0.3898

43.8217, 0.4994,
0.4122

67.1649, 0.3884,
0.3774

39.5829, 0.5248,
0.4106

74.7372, 0.3649,
0.3643

35.9134, 0.5458,
0.4034

83.0530, 0.3440,
0.3512

35.2515, 0.5497,
0.4017

92.1342, 0.3257,
0.3386

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



54.1623, 0.4450, 0.3496



54.1623, 0.4425, 0.4006



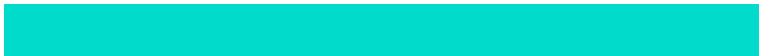
54.1623, 0.4033, 0.4417

Triad

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



54.1623, 0.4425, 0.4006



54.1623, 0.2240, 0.3526



54.1623, 0.2720, 0.2307

Complementary

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



54.1623, 0.4425, 0.4006



44.6383, 0.2207, 0.2388

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.



54.1623, 0.2217, 0.2242



54.1623, 0.4425, 0.4006



54.1623, 0.1963, 0.2854

Square

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



54.1623, 0.4425, 0.4006



54.1623, 0.2765, 0.4204



54.1623, 0.1959, 0.2414



54.1623, 0.3397, 0.2575

Rectangle

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



54.1623, 0.4425, 0.4006



54.1623, 0.3640, 0.4544



54.1623, 0.1959, 0.2414



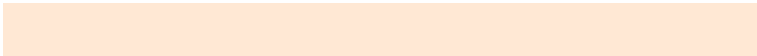
54.1623, 0.2527, 0.2261

Sweetspot

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



54.1563, 0.4425, 0.4006



83.9571, 0.3420, 0.3499



35.3201, 0.3926, 0.2505



17.5963, 0.3459, 0.3525



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.



54.1563, 0.4425, 0.4006



47.6669, 0.4769, 0.4096



90.7346, 0.3982, 0.4626



19.4245, 0.3282, 0.3404



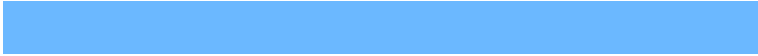
18.7148, 0.5470, 0.4038



2.0395, 0.5287, 0.4184

Inverse Universe

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



44.6383, 0.2207, 0.2388



37.2998, 0.2047, 0.2161



21.9223, 0.2006, 0.1470



18.9419, 0.2979, 0.3173



12.7969, 0.1790, 0.1643



1.4649, 0.1845, 0.1842

Previews

White Background



This preview shows how the Yxy color 54.1623, 0.4425, 0.4006 looks on a white background.

Color Contrast Check

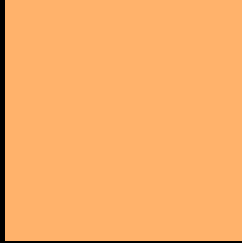
Large Text (above 18pt) WCAG AA × Fail

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 54.1623, 0.4425, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

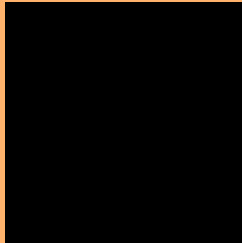
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1623, 0.4425, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 54.1623, 0.4425, 0.4006.



This preview shows how white text looks on a background with the Yxy color 54.1623, 0.4425, 0.4006.

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

54.1623, 0.4425, 0.4006

Protanopia

54.3686, 0.3908, 0.4255

Deuteranopia

54.3149, 0.4239, 0.4158



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.1623, 0.4425, 0.4006

Protanomaly

54.0369, 0.4089, 0.4164

Deuteranomaly

54.1407, 0.4304, 0.4099

Tritanomaly

53.8987, 0.4037, 0.3493

Monochromacy



Original Color

54.1623, 0.4425, 0.4006

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1740, 0.3577, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1623, 0.4425, 0.4006 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(255, 178, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 107)  
}
```

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(255, 178, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 107) }
```

Border

The CSS property to change the border of an element to Yxy 54.1623, 0.4425, 0.4006 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(255, 178, 107) }
```

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

```
.border{ border-color:rgb(255, 178, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1623, 0.4425, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 107) }
```

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

```
.background{ background-color: rgb(255,  
178, 107) }
```

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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