

Converting Colors

$Y_{xy}(54.6260, 0.4395, 0.3989)$

Have a look what the booklet for
Yxy(54.6260, 0.4395, 0.3989)
contains.

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Color

Yxy(54.6260, 0.4395, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	FFB36E
RGB	255, 179, 110
RGB Percent	100%, 70%, 43%
CMY	0.0000, 0.2981, 0.5685
CMYK	0.00, 0.30, 0.57, 0.00
HSL	29°, 100%, 72%
HSV	29°, 57%, 100%
XYZ	60.1858, 54.6260, 22.1298
YIQ	193.8580, 67.4450, -5.3470

Conversions

Conversions Part 2

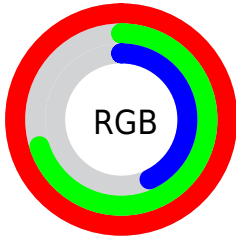
Format	Color
R_{YB}	255, 242, 110
Decimal	16757614
CIE _{Lab}	78.83, 20.63, 45.90
CIE _{LCh}	79, 50.325, 65.799
Yxy	54.6260, 0.4395, 0.3989
Android (android.graphics.Color)	4294947694 (0xFFFFB36E)
YUV	193.8580, -41.3420, 53.6215
Hunter-Lab	73.9094, 16.0145, 33.9841

Details

The Yxy color **54.6260, 0.4395, 0.3989** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.6694, 0.2226, 0.2417**, and the grayscale version is **54.0759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3210, 0.3737, 0.4015**, and **26.8501, 0.4702, 0.4101** is the 20% darker color. If you saturate the color by 10%, you get **49.0421, 0.4684, 0.4071**, and if you desaturate by 10%, it is **60.8806, 0.4115, 0.3880**.

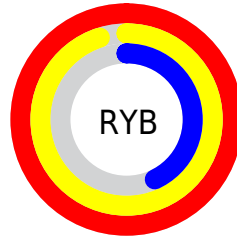
Distribution



Red (100%)

Green (70%)

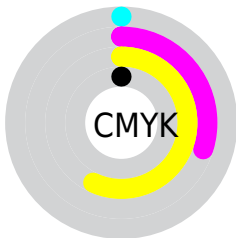
Blue (43%)



Red (100%)

Yellow (95%)

Blue (43%)

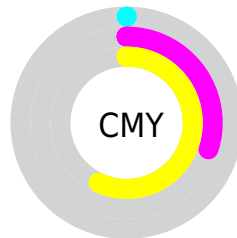


Cyan (0%)

Magenta (30%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6260, 0.4395, 0.3989 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 54.6260, 0.4395, 0.3989 by changing the saturation by 10% instead.


 54.6260, 0.4395,
0.3989


 54.6260, 0.4395,
0.3989


404.4927, 0.3788,
0.3691


 39.1024, 0.4533,
0.4045


 96.9928, 0.4184,
0.3894


 26.8394, 0.4700,
0.4105


 124.6047, 0.4102,
0.3855

 17.4526, 0.4904,
0.4167


 157.0148, 0.4031,
0.3820

 10.5577, 0.5155,
0.4219

 194.6076, 0.3969,
0.3788

 5.7703, 0.5520,
0.4283

237.7674, 0.3916,
0.3760

 2.7059, 0.5831,
0.4169

286.8785, 0.3868,

 0.9802, 0.6173,

0.3735

0.3827

342.3255, 0.3826,
0.3712

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6260, 0.4395,
0.3989

54.6260, 0.4395,
0.3989

49.0421, 0.4684,
0.4071

60.8806, 0.4115,
0.3880

44.1131, 0.4969,
0.4113

67.8456, 0.3857,
0.3755

39.8028, 0.5229,
0.4102

75.5414, 0.3624,
0.3625

36.0739, 0.5446,
0.4036

83.9913, 0.3417,
0.3495

35.0082, 0.5509,
0.4008

93.2175, 0.3237,
0.3371

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.



54.6260, 0.4414, 0.3491



54.6260, 0.4395, 0.3989



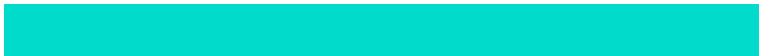
54.6260, 0.4017, 0.4388

Triad

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



54.6260, 0.4395, 0.3989



54.6260, 0.2265, 0.3526



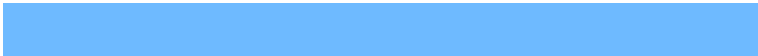
54.6260, 0.2726, 0.2328

Complementary

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



54.6260, 0.4395, 0.3989



45.6694, 0.2226, 0.2417

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.



54.6260, 0.2235, 0.2266



54.6260, 0.4395, 0.3989



54.6260, 0.1991, 0.2872

Square

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



54.6260, 0.4395, 0.3989



54.6260, 0.2780, 0.4182



54.6260, 0.1984, 0.2438



54.6260, 0.3386, 0.2589

Rectangle

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



54.6260, 0.4395, 0.3989



54.6260, 0.3634, 0.4511



54.6260, 0.1984, 0.2438



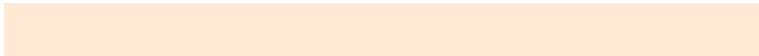
54.6260, 0.2538, 0.2283

Sweetspot

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



54.6216, 0.4395, 0.3989



83.8619, 0.3420, 0.3497



36.0196, 0.3902, 0.2518



17.5738, 0.3459, 0.3523



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.



54.6216, 0.4395, 0.3989



48.4445, 0.4718, 0.4078



90.8616, 0.3968, 0.4605



19.4124, 0.3282, 0.3403



18.5869, 0.5482, 0.4029



2.0267, 0.5297, 0.4176

Inverse Universe

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



45.6694, 0.2226, 0.2417



38.6974, 0.2074, 0.2209



22.7652, 0.2030, 0.1510



18.9540, 0.2979, 0.3174



12.9396, 0.1793, 0.1656



1.4788, 0.1849, 0.1855

Previews

White Background



This preview shows how the Yxy color 54.6260, 0.4395, 0.3989 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 54.6260, 0.4395, 0.3989 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 54.6260, 0.4395, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 54.6260, 0.4395, 0.3989.



This preview shows how white text looks on a background with the Yxy color 54.6260, 0.4395, 0.3989.

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

54.6260, 0.4395, 0.3989

Protanopia

55.0370, 0.3890, 0.4229

Deuteranopia

54.5512, 0.4226, 0.4127



Tritanopia

54.6078, 0.3771, 0.3176

Trichromacy



Original Color

54.6260, 0.4395, 0.3989

Protanomaly

54.6998, 0.4070, 0.4141

Deuteranomaly

54.3836, 0.4290, 0.4068

Tritanomaly

54.3543, 0.4014, 0.3482

Monochromacy



Original Color

54.6260, 0.4395, 0.3989

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6385, 0.3566, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6260, 0.4395, 0.3989 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, 179, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 110)  
}
```

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, 179, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 110) }
```

Border

The CSS property to change the border of an element to Yxy 54.6260, 0.4395, 0.3989 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, 179, 110) }
```

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

```
.border{ border-color:rgb(255, 179, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6260, 0.4395, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 110) }
```

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

```
.background{ background-color: rgb(255,  
179, 110) }
```

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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