

Converting Colors

$Yxy(61.4489, 0.4740, 0.3882)$

Have a look what the booklet for
Yxy(61.4489, 0.4740, 0.3882)
contains.

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Color

Yxy(53.3722, 0.4439, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	FFB06B
RGB	255, 176, 107
RGB Percent	100%, 69%, 42%
CMY	0.0000, 0.3098, 0.5805
CMYK	0.00, 0.31, 0.58, 0.00
HSL	28°, 100%, 71%
HSV	28°, 58%, 100%
XYZ	59.4229, 53.3722, 21.0704
YIQ	191.7550, 69.2330, -4.7110

Conversions

Conversions Part 2

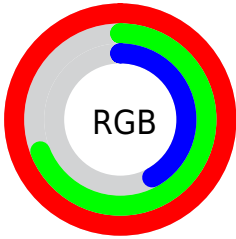
Format	Color
R _Y B	255, 236, 107
Decimal	16756843
CIE Lab	78.09, 21.96, 46.55
CIE LCh	78, 51.469, 64.744
Yxy	53.3722, 0.4439, 0.3987
Android (android.graphics.Color)	4294946923 (0xFFFFB06B)
YUV	191.7550, -41.7842, 55.4659
Hunter-Lab	73.0563, 17.3408, 34.0393

Details

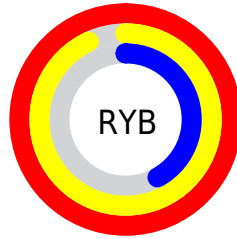
The Yxy color **53.3722, 0.4439, 0.3987** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.4483, 0.2213, 0.2414**, and the grayscale version is **52.7768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5113, 0.3767, 0.4017**, and **26.0634, 0.4761, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **47.8397, 0.4733, 0.4063**, and if you desaturate by 10%, it is **59.5962, 0.4154, 0.3882**.

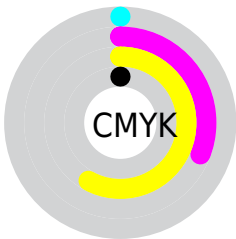
Distribution



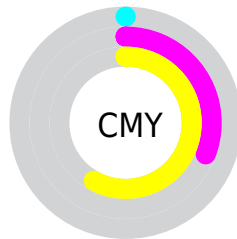
- Red (100%)
- Green (69%)
- Blue (42%)



- Red (100%)
- Yellow (93%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3722, 0.4439, 0.3987 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 53.3722, 0.4439, 0.3987 by changing the saturation by 10% instead.

 53.3722, 0.4439,
0.3987


 53.3722, 0.4439,
0.3987


399.7115, 0.3809,
0.3693

 38.1000, 0.4582,
0.4041


 95.1518, 0.4220,
0.3894

 26.0603, 0.4756,
0.4098


 122.4280, 0.4134,
0.3855

 16.8688, 0.4968,
0.4155


 154.4743, 0.4061,
0.3820

 10.1410, 0.5227,
0.4198

 191.6752, 0.3997,
0.3789

 5.4925, 0.5630,
0.4267

234.4149, 0.3941,
0.3761

 2.5390, 0.5907,
0.4093

283.0779, 0.3892,

 0.8961, 0.6282,

0.3736

0.3718

338.0487, 0.3848,
0.3713

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3722, 0.4439,
0.3987

53.3722, 0.4439,
0.3987

47.8397, 0.4733,
0.4063

59.5962, 0.4154,
0.3882

42.9713, 0.5021,
0.4097

66.5419, 0.3890,
0.3761

38.7326, 0.5281,
0.4077

74.2342, 0.3652,
0.3634

35.0834, 0.5497,
0.4003

82.6974, 0.3441,
0.3506

 34.4332, 0.5536,
0.3986

 91.9545, 0.3257,
0.3384

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.



53.3722, 0.4446, 0.3474



53.3722, 0.4439, 0.3987



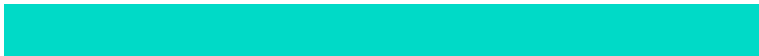
53.3722, 0.4058, 0.4407

Triad

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



53.3722, 0.4439, 0.3987



53.3722, 0.2254, 0.3558



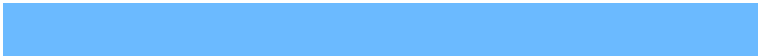
53.3722, 0.2692, 0.2297

Complementary

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



53.3722, 0.4439, 0.3987



45.4483, 0.2213, 0.2414

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.



53.3722, 0.2197, 0.2241



53.3722, 0.4439, 0.3987



53.3722, 0.1965, 0.2877

Square

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



53.3722, 0.4439, 0.3987



53.3722, 0.2790, 0.4232



53.3722, 0.1950, 0.2424



53.3722, 0.3367, 0.2557

Rectangle

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



53.3722, 0.4439, 0.3987



53.3722, 0.3668, 0.4546



53.3722, 0.1950, 0.2424



53.3722, 0.2502, 0.2254

Sweetspot

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



53.3714, 0.4439, 0.3987



83.6333, 0.3421, 0.3493



35.4162, 0.3896, 0.2481



17.5200, 0.3460, 0.3518



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.



53.3714, 0.4439, 0.3987



46.8402, 0.4790, 0.4073



89.2090, 0.3995, 0.4608



19.3835, 0.3283, 0.3401



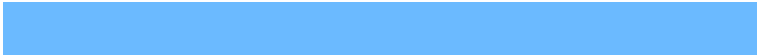
18.2845, 0.5509, 0.4008



1.9965, 0.5321, 0.4157

Inverse Universe

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



45.4483, 0.2213, 0.2414



38.1909, 0.2055, 0.2194



22.4620, 0.2011, 0.1498



18.9832, 0.2979, 0.3176



13.2881, 0.1802, 0.1688



1.5126, 0.1857, 0.1884

Previews

White Background



This preview shows how the Yxy color 53.3722, 0.4439, 0.3987 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 53.3722, 0.4439, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

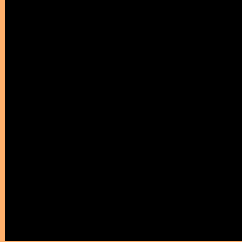
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3722, 0.4439, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 53.3722, 0.4439, 0.3987.



This preview shows how white text looks on a background with the Yxy color 53.3722, 0.4439, 0.3987.

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

53.3722, 0.4439, 0.3987

Protanopia

53.7729, 0.3904, 0.4248

Deuteranopia

53.3054, 0.4244, 0.4142



Tritanopia

53.3456, 0.3808, 0.3176

Trichromacy



Original Color

53.3722, 0.4439, 0.3987

Protanomaly

53.1823, 0.4101, 0.4144

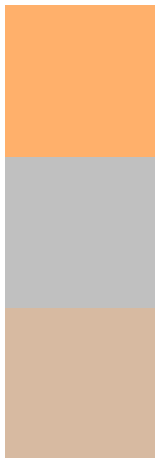
Deuteranomaly

53.3215, 0.4318, 0.4079

Tritanomaly

53.0981, 0.4054, 0.3482

Monochromacy



Original Color

53.3722, 0.4439, 0.3987

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1381, 0.3583, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3722, 0.4439, 0.3987 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, 176, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 107) }
```

Border

The CSS property to change the border of an element to Yxy 53.3722, 0.4439, 0.3987 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, 176, 107) }
```

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

```
.border{ border-color:rgb(255, 176, 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, 176, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3722, 0.4439, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 107) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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