

Converting Colors

Yxy(56.4355, 0.4381, 0.4055)

Have a look what the booklet for
Yxy(56.4355, 0.4381, 0.4055)
contains.

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Color

Yxy(56.6237, 0.4376, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	FFB86C
RGB	255, 184, 108
RGB Percent	100%, 72%, 42%
CMY	0.0000, 0.2784, 0.5766
CMYK	0.00, 0.28, 0.58, 0.00
HSL	31°, 100%, 71%
HSV	31°, 58%, 100%
XYZ	61.0911, 56.6237, 21.8900
YIQ	196.5650, 66.7120, -8.5840

Conversions

Conversions Part 2

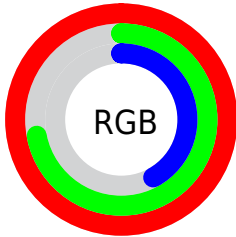
Format	Color
RYB	245, 255, 108
Decimal	16758892
CIELab	79.97, 17.85, 48.30
CIELCh	80, 51.490, 69.717
Yxy	56.6237, 0.4376, 0.4056
Android (android.graphics.Color)	4294948972 (0xFFFFB86C)
YUV	196.5650, -43.6625, 51.2475
Hunter-Lab	75.2487, 13.2309, 35.4265

Details

The Yxy color **56.6237, 0.4376, 0.4056** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.6378, 0.2196, 0.2321**, and the grayscale version is **55.7944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1534, 0.3733, 0.4080**, and **28.1301, 0.4671, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **51.2620, 0.4647, 0.4145**, and if you desaturate by 10%, it is **62.5886, 0.4110, 0.3939**.

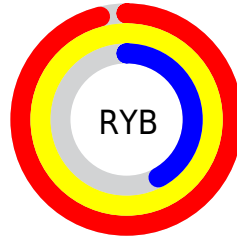
Distribution



Red (100%)

Green (72%)

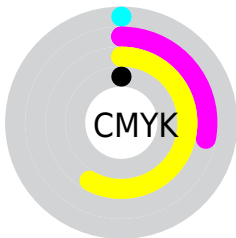
Blue (42%)



Red (96%)

Yellow (100%)

Blue (42%)

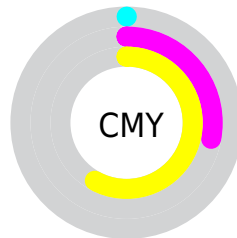


Cyan (0%)

Magenta (28%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6237, 0.4376, 0.4056 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 56.6237, 0.4376, 0.4056 by changing the saturation by 10% instead.

 56.6237, 0.4376,
0.4056

 56.6237, 0.4376,
0.4056


412.0378, 0.3785,
0.3728


 40.7032, 0.4508,
0.4118


 99.9159, 0.4172,
0.3951


 28.0872, 0.4666,
0.4187


 128.0564, 0.4092,
0.3907

 18.3914, 0.4859,
0.4258


 161.0390, 0.4023,
0.3869

 11.2314, 0.5090,
0.4323

 199.2482, 0.3963,
0.3834

 6.2227, 0.5426,
0.4407

243.0682, 0.3910,
0.3803

 2.9810, 0.5686,
0.4314

292.8836, 0.3864,

 1.1218, 0.5970,

0.3775

0.4030

349.0786, 0.3822,
0.3750

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6237, 0.4376,
0.4056

56.6237, 0.4376,
0.4056

51.2620, 0.4647,
0.4145

62.5886, 0.4110,
0.3939

46.4793, 0.4909,
0.4192

69.1814, 0.3861,
0.3805

42.2466, 0.5146,
0.4186

76.4237, 0.3633,
0.3664

38.5292, 0.5342,
0.4125

84.3359, 0.3430,
0.3524

■ 37.7234, 0.5385,
0.4106

■ 92.9373, 0.3250,
0.3389

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.



56.6237, 0.4450, 0.3558



56.6237, 0.4376, 0.4056



56.6237, 0.3955, 0.4435

Triad

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



56.6237, 0.4376, 0.4056



56.6237, 0.2204, 0.3435



56.6237, 0.2801, 0.2343

Complementary

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



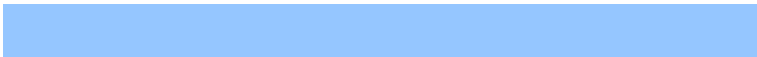
56.6237, 0.4376, 0.4056



42.6378, 0.2196, 0.2321

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.



56.6237, 0.2278, 0.2252



56.6237, 0.4376, 0.4056



56.6237, 0.1964, 0.2794

Square

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



56.6237, 0.4376, 0.4056



56.6237, 0.2697, 0.4119



56.6237, 0.1992, 0.2392



56.6237, 0.3480, 0.2629

Rectangle

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



56.6237, 0.4376, 0.4056



56.6237, 0.3556, 0.4528



56.6237, 0.1992, 0.2392



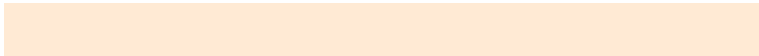
56.6237, 0.2603, 0.2289

Sweetspot

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



56.6232, 0.4376, 0.4056



84.8788, 0.3417, 0.3515



35.2366, 0.4009, 0.2580



17.8137, 0.3456, 0.3543



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.



56.6232, 0.4376, 0.4056



50.5861, 0.4683, 0.4154



93.4004, 0.3935, 0.4664



19.5408, 0.3281, 0.3413



20.0120, 0.5360, 0.4126



2.1673, 0.5191, 0.4260

Inverse Universe

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



42.6378, 0.2196, 0.2321



35.4423, 0.2037, 0.2089



21.2828, 0.2016, 0.1435



18.8255, 0.2979, 0.3164



11.4891, 0.1755, 0.1517



1.3362, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 56.6237, 0.4376, 0.4056 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 56.6237, 0.4376, 0.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

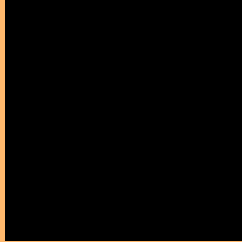
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6237, 0.4376, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 56.6237, 0.4376, 0.4056.



This preview shows how white text looks on a background with the Yxy color 56.6237, 0.4376, 0.4056.

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

56.6237, 0.4376, 0.4056

Protanopia

56.9445, 0.3930, 0.4278

Deuteranopia

56.5114, 0.4248, 0.4152



Tritanopia

56.7749, 0.3712, 0.3177

Trichromacy



Original Color

56.6237, 0.4376, 0.4056

Protanomaly

56.7202, 0.4085, 0.4204

Deuteranomaly

56.3763, 0.4295, 0.4120

Tritanomaly

56.4406, 0.3966, 0.3503

Monochromacy



Original Color

56.6237, 0.4376, 0.4056

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3213, 0.3559, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6237, 0.4376, 0.4056 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, 184, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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(255, 184, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 108) }
```

Border

The CSS property to change the border of an element to Yxy 56.6237, 0.4376, 0.4056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

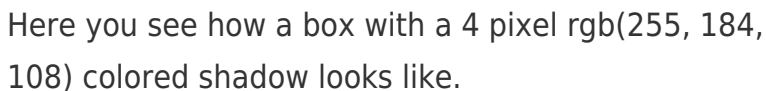
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 108) }
```

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

```
.border{ border-color:rgb(255, 184, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 184, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6237, 0.4376, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 108) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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