

Converting Colors

Yxy(56.6107, 0.4151, 0.3756)

Have a look what the booklet for
Yxy(56.6107, 0.4151, 0.3756)
contains.

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Color

Yxy(56.5509, 0.4149, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFB68A
RGB	255, 182, 138
RGB Percent	100%, 71%, 54%
CMY	0.0001, 0.2862, 0.4589
CMYK	0.00, 0.29, 0.46, 0.00
HSL	23°, 100%, 77%
HSV	23°, 46%, 100%
XYZ	62.5512, 56.5509, 31.6601
YIQ	198.8110, 57.6320, 1.7920

Conversions

Conversions Part 2

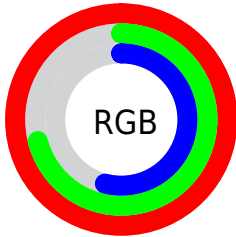
Format	Color
R _Y B	255, 209, 138
Decimal	16758410
CIE Lab	79.93, 21.44, 32.89
CIE LCh	80, 39.260, 56.905
Yxy	56.5509, 0.4149, 0.3751
Android (android.graphics.Color)	4294948490 (0xFFFFB68A)
YUV	198.8110, -29.9798, 49.2778
Hunter-Lab	75.2003, 16.8748, 27.6786

Details

The Yxy color **56.5509, 0.4149, 0.3751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1933, 0.2418, 0.2762**, and the grayscale version is **57.1531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2148, 0.3540, 0.3752**, and **28.1244, 0.4417, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **49.7505, 0.4462, 0.3838**, and if you desaturate by 10%, it is **64.2701, 0.3867, 0.3651**.

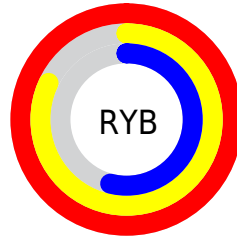
Distribution



Red (100%)

Green (71%)

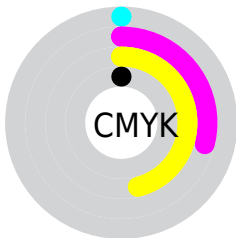
Blue (54%)



Red (100%)

Yellow (82%)

Blue (54%)

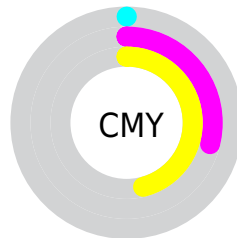


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5509, 0.4149, 0.3751 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 56.5509, 0.4149, 0.3751 by changing the saturation by 10% instead.


 56.5509, 0.4149,
0.3751


 56.5509, 0.4149,
0.3751


411.7643, 0.3654,
0.3552


 40.6448, 0.4266,
0.3791


 99.8096, 0.3974,
0.3686

 28.0416, 0.4411,
0.3836


 127.9310, 0.3907,
0.3659

 18.3570, 0.4595,
0.3887


 160.8929, 0.3849,
0.3636

 11.2066, 0.4834,
0.3939

199.0797, 0.3799,
0.3615

 6.2060, 0.5152,
0.3982

242.8759, 0.3756,
0.3597

 2.9707, 0.5755,
0.4104

292.6658, 0.3718,

 1.1165, 0.6167,

0.3580

0.3833

348.8338, 0.3684,
0.3565

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5509, 0.4149,
0.3751

56.5509, 0.4149,
0.3751

49.7505, 0.4462,
0.3838

64.2701, 0.3867,
0.3651

43.8236, 0.4797,
0.3901

72.9344, 0.3619,
0.3547

38.7331, 0.5133,
0.3925

82.5791, 0.3405,
0.3443

34.4351, 0.5445,
0.3900

93.2352, 0.3222,
0.3345

■ 30.8801, 0.5704,
0.3822

99.9974, 0.3127,
0.3290

■ 29.6127, 0.5796,
0.3780

Harmonies

Analogous

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



56.5509, 0.4060, 0.3348



56.5509, 0.4149, 0.3751



56.5509, 0.3941, 0.4084

Triad

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



56.5509, 0.4149, 0.3751



56.5509, 0.2561, 0.3633



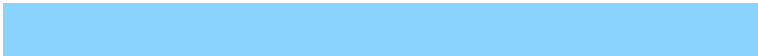
56.5509, 0.2686, 0.2490

Complementary

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



56.5509, 0.4149, 0.3751



59.1933, 0.2418, 0.2762

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.



56.5509, 0.2342, 0.2502



56.5509, 0.4149, 0.3751



56.5509, 0.2272, 0.3118

Square

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



56.5509, 0.4149, 0.3751



56.5509, 0.3014, 0.4066



56.5509, 0.2198, 0.2713



56.5509, 0.3176, 0.2656

Rectangle

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



56.5509, 0.4149, 0.3751



56.5509, 0.3677, 0.4208



56.5509, 0.2198, 0.2713



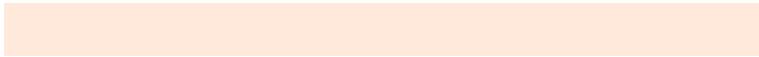
56.5509, 0.2551, 0.2473

Sweetspot

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



56.5537, 0.4149, 0.3751



84.5169, 0.3368, 0.3424



44.1903, 0.3576, 0.2540



17.6177, 0.3410, 0.3446



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.



56.5537, 0.4149, 0.3751



50.3209, 0.4434, 0.3831



85.0522, 0.3874, 0.4290



19.1069, 0.3285, 0.3380



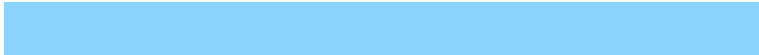
15.7385, 0.5767, 0.3803



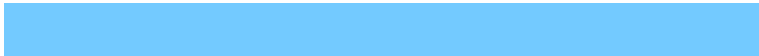
1.7344, 0.5553, 0.3973

Inverse Universe

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



59.1933, 0.2418, 0.2762



53.1964, 0.2291, 0.2635



35.5986, 0.2287, 0.2035



19.2655, 0.2979, 0.3198



17.0352, 0.1890, 0.2005



1.8690, 0.1935, 0.2167

Previews

White Background



This preview shows how the Yxy color 56.5509, 0.4149, 0.3751 looks on a white background.

Color Contrast Check

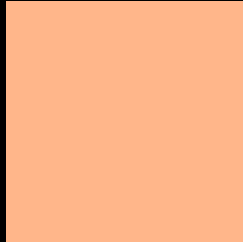
Large Text (above 18pt) WCAG AA × Fail

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 56.5509, 0.4149, 0.3751 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 56.5509, 0.4149, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 56.5509, 0.4149, 0.3751.



This preview shows how white text looks on a background with the Yxy color 56.5509, 0.4149, 0.3751.

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

56.5509, 0.4149, 0.3751

Protanopia

56.5786, 0.3656, 0.3922

Deuteranopia

56.6090, 0.3970, 0.3889



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.5509, 0.4149, 0.3751



Protanomaly

56.1462, 0.3834, 0.3862



Deuteranomaly

56.5799, 0.4037, 0.3833



Tritanomaly

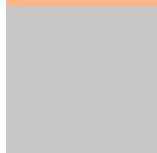
56.4025, 0.3880, 0.3387

Monochromacy



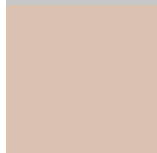
Original Color

56.5509, 0.4149, 0.3751



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

56.3743, 0.3468, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5509, 0.4149, 0.3751 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, 182, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 138)  
}
```

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, 182, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 138) }
```

Border

The CSS property to change the border of an element to Yxy 56.5509, 0.4149, 0.3751 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, 182, 138) }
```

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

```
.border{ border-color:rgb(255, 182, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5509, 0.4149, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 138) }
```

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

```
.background{ background-color: rgb(255,  
182, 138) }
```

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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