

Converting Colors

Yxy(56.9900, 0.4062, 0.3715)

Have a look what the booklet for
Yxy(56.9900, 0.4062, 0.3715)
contains.

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Color

Yxy(56.9900, 0.4062, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	FCB890
RGB	252, 184, 144
RGB Percent	99%, 72%, 56%
CMY	0.0119, 0.2784, 0.4353
CMYK	0.00, 0.27, 0.43, 0.01
HSL	22°, 95%, 78%
HSV	22°, 43%, 99%
XYZ	62.3132, 56.9900, 34.1020
YIQ	199.7720, 53.3680, 1.9760

Conversions

Conversions Part 2

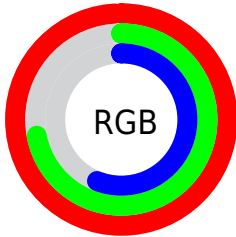
Format	Color
R _Y B	252, 208, 144
Decimal	16562320
CIE Lab	80.17, 19.82, 30.00
CIE LCh	80, 35.951, 56.548
Yxy	56.9900, 0.4062, 0.3715
Android (android.graphics.Color)	4294752400 (0xFFFCB890)
YUV	199.7720, -27.4956, 45.8040
Hunter-Lab	75.4917, 15.2288, 26.0611

Details

The Yxy color **56.9900, 0.4062, 0.3715** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0244, 0.2464, 0.2811**, and the grayscale version is **57.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6574, 0.3496, 0.3710**, and **28.3604, 0.4302, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **50.0817, 0.4368, 0.3806**, and if you desaturate by 10%, it is **64.8145, 0.3789, 0.3614**.

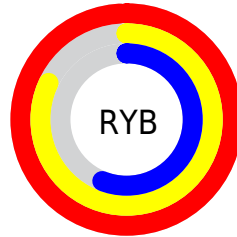
Distribution



Red (99%)

Green (72%)

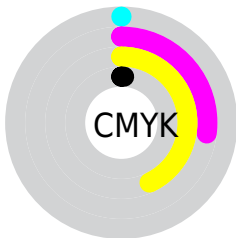
Blue (56%)



Red (99%)

Yellow (82%)

Blue (56%)

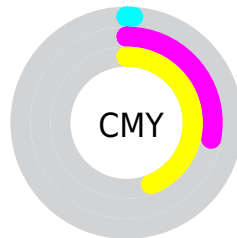


Cyan (0%)

Magenta (27%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9900, 0.4062, 0.3715 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 56.9900, 0.4062, 0.3715 by changing the saturation by 10% instead.


 56.9900, 0.4062,
0.3715

 56.9900, 0.4062,
0.3715

413.4118, 0.3609,
0.3529

 40.9972, 0.4169,
0.3753


 100.4506, 0.3901,
0.3653

 28.3169, 0.4303,
0.3797


 128.6872, 0.3840,
0.3629

 18.5647, 0.4474,
0.3848


161.7739, 0.3787,
0.3607

 11.3562, 0.4698,
0.3904

200.0950, 0.3742,
0.3587

 6.3069, 0.5000,
0.3957

244.0349, 0.3702,
0.3570

 3.0326, 0.5507,
0.4047

293.9781, 0.3667,

 1.1488, 0.6070,

0.3555

0.3930

350.3090, 0.3636,
0.3541

0.0193, 0.9631,
0.0369

0.0000, 0.0000,
0.0000

56.9900, 0.4062,
0.3715

56.9900, 0.4062,
0.3715

50.0817, 0.4368,
0.3806

64.8145, 0.3789,
0.3614

44.0454, 0.4700,
0.3876

73.5806, 0.3551,
0.3511

38.8454, 0.5041,
0.3912

83.3228, 0.3346,
0.3411

34.4395, 0.5366,
0.3902

94.0714, 0.3172,
0.3316

■ 30.7807, 0.5646,
0.3839

99.4310, 0.3108,
0.3290

■ 28.5867, 0.5811,
0.3768

Harmonies

Analogous

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



56.9900, 0.3976, 0.3343



56.9900, 0.4062, 0.3715



56.9900, 0.3878, 0.4017

Triad

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



56.9900, 0.4062, 0.3715



56.9900, 0.2614, 0.3609



56.9900, 0.2719, 0.2552

Complementary

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



56.9900, 0.4062, 0.3715



60.0244, 0.2464, 0.2811

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.



56.9900, 0.2402, 0.2567



56.9900, 0.4062, 0.3715



56.9900, 0.2344, 0.3142

Square

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



56.9900, 0.4062, 0.3715



56.9900, 0.3033, 0.3997



56.9900, 0.2271, 0.2767



56.9900, 0.3168, 0.2703

Rectangle

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



56.9900, 0.4062, 0.3715



56.9900, 0.3639, 0.4127



56.9900, 0.2271, 0.2767



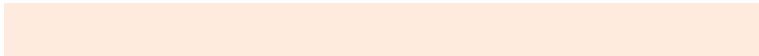
56.9900, 0.2595, 0.2537

Sweetspot

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



56.9927, 0.4062, 0.3715



85.4485, 0.3349, 0.3413



45.4114, 0.3535, 0.2588



17.7982, 0.3392, 0.3434



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.



56.9927, 0.4062, 0.3715



52.6823, 0.4310, 0.3790



83.6095, 0.3824, 0.4228



18.2787, 0.3285, 0.3378



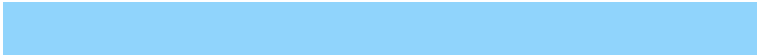
15.1521, 0.5781, 0.3792



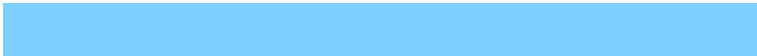
1.5986, 0.5556, 0.3971

Inverse Universe

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



60.0244, 0.2464, 0.2811



56.1072, 0.2347, 0.2701



37.5465, 0.2350, 0.2133



18.4640, 0.2980, 0.3200



16.7999, 0.1896, 0.2026



1.7588, 0.1943, 0.2194

Previews

White Background



This preview shows how the Yxy color 56.9900, 0.4062, 0.3715 looks on a white background.

Color Contrast Check

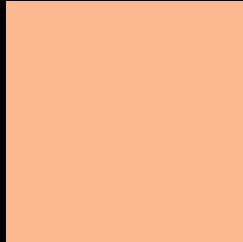
Large Text (above 18pt) WCAG AA × Fail

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 56.9900, 0.4062, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

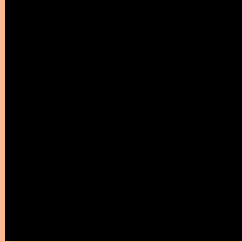
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9900, 0.4062, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 56.9900, 0.4062, 0.3715.



This preview shows how white text looks on a background with the Yxy color 56.9900, 0.4062, 0.3715.

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

56.9900, 0.4062, 0.3715

Protanopia

57.2273, 0.3607, 0.3862

Deuteranopia

57.2493, 0.3908, 0.3824



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.9900, 0.4062, 0.3715

Protanomaly

57.0526, 0.3769, 0.3818

Deuteranomaly

56.8269, 0.3965, 0.3783

Tritanomaly

56.7693, 0.3832, 0.3355

Monochromacy



Original Color

56.9900, 0.4062, 0.3715

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9389, 0.3442, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9900, 0.4062, 0.3715 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(252, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 144)  
}
```

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(252, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 144) }
```

Border

The CSS property to change the border of an element to Yxy 56.9900, 0.4062, 0.3715 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(252, 184, 144) }
```

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

```
.border{ border-color:rgb(252, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9900, 0.4062, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 144) }
```

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

```
.background{ background-color: rgb(252,  
184, 144) }
```

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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