

Converting Colors

$Yxy(71.4197, 0.4601, 0.3593)$

Have a look what the booklet for
Yxy(71.4197, 0.4601, 0.3593)
contains.

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Color

Yxy(56.7602, 0.4089, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	FFB691
RGB	255, 182, 145
RGB Percent	100%, 71%, 57%
CMY	0.0001, 0.2862, 0.4315
CMYK	0.00, 0.29, 0.43, 0.00
HSL	20°, 100%, 78%
HSV	20°, 43%, 100%
XYZ	63.0686, 56.7602, 34.4109
YIQ	199.6090, 55.3850, 3.9690

Conversions

Conversions Part 2

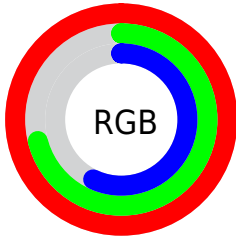
Format	Color
R _Y B	255, 201, 145
Decimal	16758417
CIE Lab	80.04, 22.12, 29.36
CIE LCh	80, 36.765, 53.004
Yxy	56.7602, 0.4089, 0.3680
Android (android.graphics.Color)	4294948497 (0xFFFFB691)
YUV	199.6090, -26.9222, 48.5779
Hunter-Lab	75.3394, 17.5832, 25.6572

Details

The Yxy color **56.7602, 0.4089, 0.3680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.3391, 0.2467, 0.2853**, and the grayscale version is **57.6491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5326, 0.3494, 0.3681**, and **28.2444, 0.4340, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **49.5487, 0.4408, 0.3762**, and if you desaturate by 10%, it is **64.9901, 0.3806, 0.3589**.

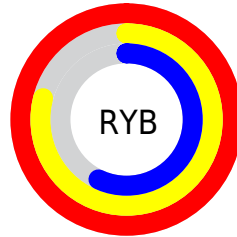
Distribution



Red (100%)

Green (71%)

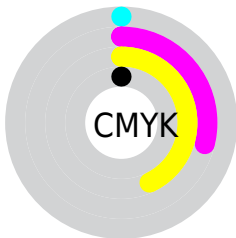
Blue (57%)



Red (100%)

Yellow (79%)

Blue (57%)

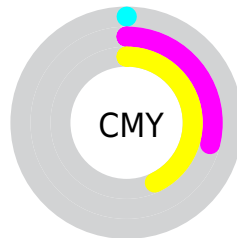


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7602, 0.4089, 0.3680 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 56.7602, 0.4089, 0.3680 by changing the saturation by 10% instead.

 56.7602, 0.4089,
0.3680


 56.7602, 0.4089,
0.3680


412.5501, 0.3622,
0.3512

 40.8127, 0.4200,
0.3714

 100.1152, 0.3923,
0.3625

 28.1728, 0.4338,
0.3752


 128.2915, 0.3860,
0.3603

 18.4560, 0.4516,
0.3795

161.3130, 0.3805,
0.3583

 11.2778, 0.4748,
0.3841

199.5639, 0.3759,
0.3565

 6.2540, 0.5063,
0.3880

243.4286, 0.3718,
0.3550

 3.0002, 0.5583,
0.3940

293.2917, 0.3682,

 1.1318, 0.6198,

0.3536

0.3802

349.5374, 0.3650,
0.3523

0.0049, 0.9910,
0.0090

0.0000, 0.0000,
0.0000

56.7602, 0.4089,
0.3680

56.7602, 0.4089,
0.3680

49.5487, 0.4408,
0.3762

64.9901, 0.3806,
0.3589

43.3057, 0.4755,
0.3823

74.2691, 0.3562,
0.3495

37.9891, 0.5113,
0.3851

84.6368, 0.3354,
0.3403

33.5499, 0.5453,
0.3833

96.1281, 0.3177,
0.3316

■ 29.9334, 0.5742,
0.3765

99.9939, 0.3127,
0.3290

■ 27.8891, 0.5902,
0.3695

Harmonies

Analogous

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



56.7602, 0.3968, 0.3298



56.7602, 0.4089, 0.3680



56.7602, 0.3930, 0.4004

Triad

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



56.7602, 0.4089, 0.3680



56.7602, 0.2646, 0.3672



56.7602, 0.2662, 0.2528

Complementary

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



56.7602, 0.4089, 0.3680



63.3391, 0.2467, 0.2853

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.



56.7602, 0.2360, 0.2565



56.7602, 0.4089, 0.3680



56.7602, 0.2349, 0.3191

Square

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



56.7602, 0.4089, 0.3680



56.7602, 0.3086, 0.4048



56.7602, 0.2250, 0.2791



56.7602, 0.3110, 0.2664

Rectangle

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



56.7602, 0.4089, 0.3680



56.7602, 0.3699, 0.4135



56.7602, 0.2250, 0.2791



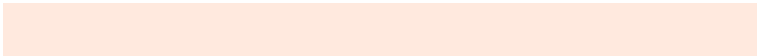
56.7602, 0.2542, 0.2520

Sweetspot

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



56.7630, 0.4089, 0.3680



84.8121, 0.3351, 0.3402



46.5763, 0.3504, 0.2548



17.6422, 0.3394, 0.3421



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.



56.7630, 0.4089, 0.3680



50.3342, 0.4370, 0.3753



83.6555, 0.3844, 0.4202



18.9867, 0.3286, 0.3371



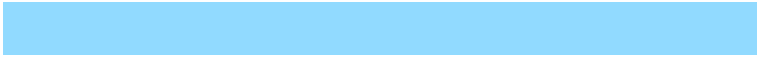
14.8223, 0.5873, 0.3719



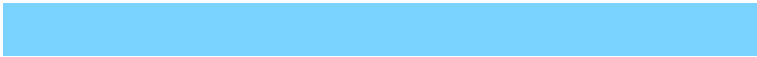
1.6354, 0.5654, 0.3893

Inverse Universe

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



63.3391, 0.2467, 0.2853



57.6484, 0.2345, 0.2745



39.5407, 0.2351, 0.2168



19.3903, 0.2980, 0.3208



18.9094, 0.1930, 0.2146



2.0431, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 56.7602, 0.4089, 0.3680 looks on a white background.

Color Contrast Check

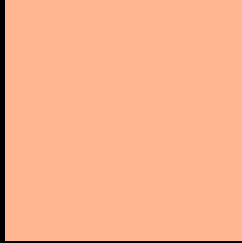
Large Text (above 18pt) WCAG AA × Fail

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 56.7602, 0.4089, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

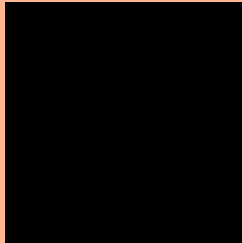
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7602, 0.4089, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 56.7602, 0.4089, 0.3680.

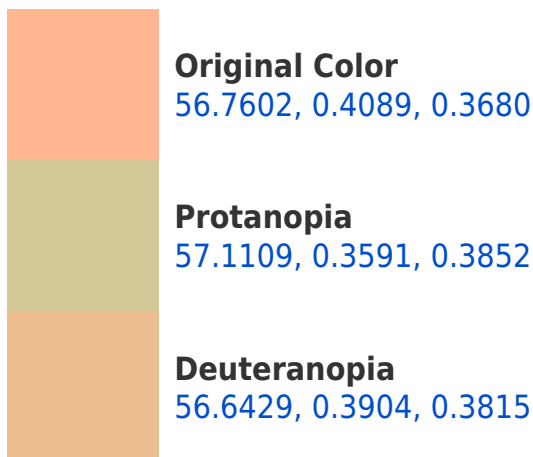


This preview shows how white text looks on a background with the Yxy color 56.7602, 0.4089, 0.3680.

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





Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.7602, 0.4089, 0.3680

Protanomaly

56.8038, 0.3773, 0.3794

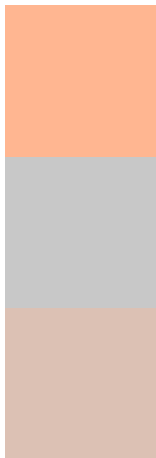
Deuteranomaly

56.6090, 0.3970, 0.3760

Tritanomaly

56.5562, 0.3844, 0.3345

Monochromacy



Original Color

56.7602, 0.4089, 0.3680

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6509, 0.3452, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7602, 0.4089, 0.3680 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 145) }
```

Border

The CSS property to change the border of an element to Yxy 56.7602, 0.4089, 0.3680 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, 145) }
```

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

```
.border{ border-color:rgb(255, 182, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7602, 0.4089, 0.3680 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
182, 145) }
```

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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