

Converting Colors

$Y_{xy}(56.5979, 0.4102, 0.3691)$

Have a look what the booklet for
Yxy(56.5979, 0.4102, 0.3691)
contains.

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Color

Yxy(56.7295, 0.4098, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	FFB690
RGB	255, 182, 144
RGB Percent	100%, 71%, 56%
CMY	0.0000, 0.2863, 0.4354
CMYK	0.00, 0.29, 0.44, 0.00
HSL	21°, 100%, 78%
HSV	21°, 44%, 100%
XYZ	63.0020, 56.7295, 34.0070
YIQ	199.4950, 55.7060, 3.6580

Conversions

Conversions Part 2

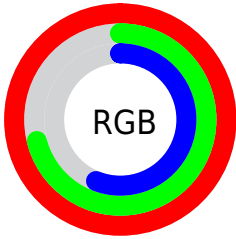
Format	Color
R _Y B	255, 202, 144
Decimal	16758416
CIE Lab	80.03, 22.05, 29.87
CIE LCh	80, 37.123, 53.570
Yxy	56.7295, 0.4098, 0.3690
Android (android.graphics.Color)	4294948496 (0xFFFFB690)
YUV	199.4950, -27.3590, 48.6779
Hunter-Lab	75.3190, 17.5016, 25.9535

Details

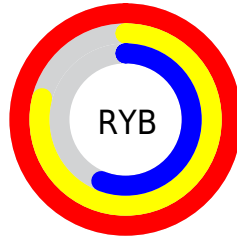
The Yxy color **56.7295, 0.4098, 0.3690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.7609, 0.2460, 0.2840**, and the grayscale version is **57.5779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4863, 0.3500, 0.3691**, and **28.2266, 0.4351, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **49.5764, 0.4416, 0.3773**, and if you desaturate by 10%, it is **64.8848, 0.3815, 0.3597**.

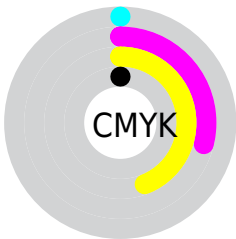
Distribution



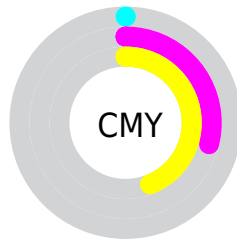
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (79%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7295, 0.4098, 0.3690 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 56.7295, 0.4098, 0.3690 by changing the saturation by 10% instead.


 56.7295, 0.4098,
0.3690

 56.7295, 0.4098,
0.3690

412.4349, 0.3626,
0.3517

 40.7881, 0.4210,
0.3725


 100.0704, 0.3931,
0.3634

 28.1536, 0.4349,
0.3764


 128.2387, 0.3867,
0.3611

 18.4414, 0.4528,
0.3808


161.2514, 0.3812,
0.3590

 11.2674, 0.4762,
0.3855

199.4929, 0.3765,
0.3572

 6.2470, 0.5077,
0.3894

243.3476, 0.3723,
0.3556

 2.9958, 0.5607,
0.3962

293.1999, 0.3687,

 1.1296, 0.6195,

0.3542

0.3805

349.4342, 0.3655,
0.3529

0.0030, 0.9945,
0.0055

0.0000, 0.0000,
0.0000

56.7295, 0.4098,
0.3690

56.7295, 0.4098,
0.3690

49.5764, 0.4416,
0.3773

64.8848, 0.3815,
0.3597

43.3787, 0.4762,
0.3834

74.0748, 0.3570,
0.3502

38.0944, 0.5117,
0.3861

84.3377, 0.3361,
0.3408

33.6751, 0.5453,
0.3843

95.7077, 0.3183,
0.3320

■ 30.0671, 0.5737,
0.3773

100.0000, 0.3127,
0.3290

■ 28.1313, 0.5888,
0.3707

Harmonies

Analogous

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



56.7295, 0.3981, 0.3305



56.7295, 0.4098, 0.3690



56.7295, 0.3932, 0.4015

Triad

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



56.7295, 0.4098, 0.3690



56.7295, 0.2634, 0.3667



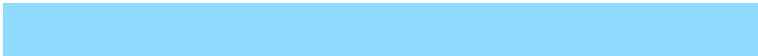
56.7295, 0.2665, 0.2523

Complementary

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



56.7295, 0.4098, 0.3690



62.7609, 0.2460, 0.2840

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.



56.7295, 0.2357, 0.2556



56.7295, 0.4098, 0.3690



56.7295, 0.2338, 0.3181

Square

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



56.7295, 0.4098, 0.3690



56.7295, 0.3076, 0.4051



56.7295, 0.2242, 0.2780



56.7295, 0.3119, 0.2663

Rectangle

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



56.7295, 0.4098, 0.3690



56.7295, 0.3696, 0.4145



56.7295, 0.2242, 0.2780



56.7295, 0.2543, 0.2513

Sweetspot

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



56.7314, 0.4098, 0.3690



84.9193, 0.3351, 0.3403



46.2627, 0.3509, 0.2542



17.6684, 0.3394, 0.3424



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.



56.7314, 0.4098, 0.3690



50.6125, 0.4365, 0.3761



83.5506, 0.3851, 0.4210



19.0041, 0.3286, 0.3372



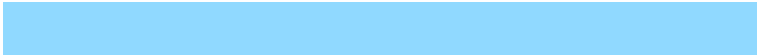
14.9475, 0.5858, 0.3731



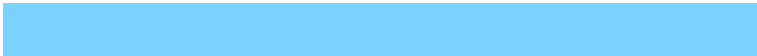
1.6491, 0.5639, 0.3904

Inverse Universe

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



62.7609, 0.2460, 0.2840



57.2749, 0.2343, 0.2735



39.1595, 0.2343, 0.2156



19.3722, 0.2980, 0.3207



18.6295, 0.1924, 0.2126



2.0173, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 56.7295, 0.4098, 0.3690 looks on a white background.

Color Contrast Check

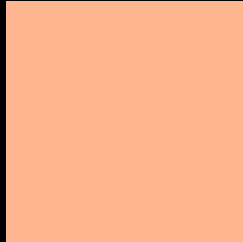
Large Text (above 18pt) WCAG AA × Fail

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 56.7295, 0.4098, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

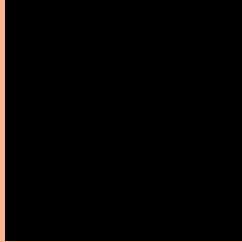
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7295, 0.4098, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 56.7295, 0.4098, 0.3690.



This preview shows how white text looks on a background with the Yxy color 56.7295, 0.4098, 0.3690.

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

56.7295, 0.4098, 0.3690

Protanopia

57.2273, 0.3607, 0.3862

Deuteranopia

56.6128, 0.3912, 0.3826



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.7295, 0.4098, 0.3690

Protanomaly

56.7720, 0.3781, 0.3806

Deuteranomaly

56.5785, 0.3979, 0.3771

Tritanomaly

56.5173, 0.3853, 0.3355

Monochromacy



Original Color

56.7295, 0.4098, 0.3690

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4547, 0.3452, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7295, 0.4098, 0.3690 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 144) }
```

Border

The CSS property to change the border of an element to Yxy 56.7295, 0.4098, 0.3690 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, 144) }
```

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

```
.border{ border-color:rgb(255, 182, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7295, 0.4098, 0.3690 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, 144) }
```

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

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