

Converting Colors

Yxy(57.7149, 0.3894, 0.3695)

Have a look what the booklet for
Yxy(57.7149, 0.3894, 0.3695)
contains.

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Color

Yxy(57.7169, 0.3895, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	F3BD98
RGB	243, 189, 152
RGB Percent	95%, 74%, 60%
CMY	0.0469, 0.2589, 0.4039
CMYK	0.00, 0.22, 0.37, 0.05
HSL	24°, 79%, 77%
HSV	24°, 37%, 95%
XYZ	60.8410, 57.7169, 37.6449
YIQ	200.9280, 44.0610, -0.0590

Conversions

Conversions Part 2

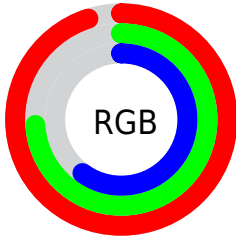
Format	Color
R _Y B	243, 214, 152
Decimal	15973784
CIE Lab	80.58, 14.61, 26.15
CIE LCh	81, 29.955, 60.798
Yxy	57.7169, 0.3895, 0.3695
Android (android.graphics.Color)	4294163864 (0xFFFF3BD98)
YUV	200.9280, -24.1215, 36.8971
Hunter-Lab	75.9716, 9.9992, 23.8012

Details

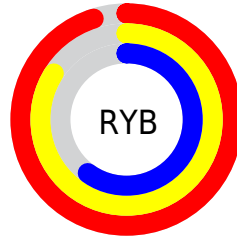
The Yxy color **57.7169, 0.3895, 0.3695** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.3319, 0.2539, 0.2842**, and the grayscale version is **58.4975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0210, 0.3435, 0.3677**, and **28.8622, 0.4086, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **51.0995, 0.4173, 0.3801**, and if you desaturate by 10%, it is **65.1210, 0.3648, 0.3583**.

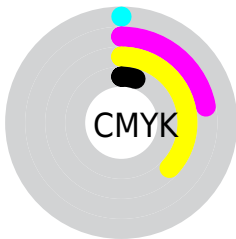
Distribution



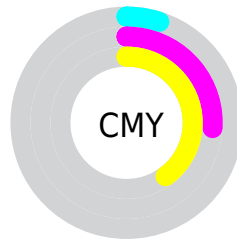
- Red (95%)
- Green (74%)
- Blue (60%)



- Red (95%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7169, 0.3895, 0.3695 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 57.7169, 0.3895, 0.3695 by changing the saturation by 10% instead.


 57.7169, 0.3895,
0.3695


 57.7169, 0.3895,
0.3695


416.1302, 0.3523,
0.3512

 41.5811, 0.3983,
0.3735


 101.5105, 0.3763,
0.3633

 28.7734, 0.4094,
0.3782


 129.9371, 0.3713,
0.3608

 18.9095, 0.4236,
0.3839


163.2293, 0.3669,
0.3587

 11.6049, 0.4423,
0.3908

201.7717, 0.3632,
0.3568

 6.4752, 0.4680,
0.3988

245.9486, 0.3600,
0.3552

 3.1362, 0.5065,
0.4085

296.1444, 0.3571,

 1.2032, 0.5767,

0.3537

0.4233

352.7435, 0.3546,
0.3524

0.0643, 0.8666,
0.1334

0.0000, 0.0000,
0.0000

57.7169, 0.3895,
0.3695

57.7169, 0.3895,
0.3695

51.0995, 0.4173,
0.3801

65.1210, 0.3648,
0.3583

45.2327, 0.4478,
0.3893

73.3300, 0.3433,
0.3472

40.0891, 0.4800,
0.3957

82.3716, 0.3248,
0.3365

35.6363, 0.5119,
0.3982

92.2699, 0.3089,
0.3265

■ 31.8386, 0.5411,
0.3955

■ 97.8036, 0.3054,
0.3290

■ 28.6542, 0.5652,
0.3874

■ 27.9315, 0.5708,
0.3850

Harmonies

Analogous

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



57.7169, 0.3854, 0.3387



57.7169, 0.3895, 0.3695



57.7169, 0.3719, 0.3924

Triad

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



57.7169, 0.3895, 0.3695



57.7169, 0.2659, 0.3500



57.7169, 0.2837, 0.2677

Complementary

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



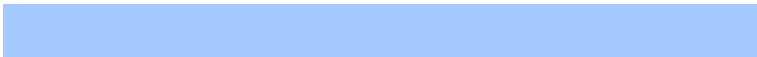
57.7169, 0.3895, 0.3695



57.3319, 0.2539, 0.2842

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.



57.7169, 0.2548, 0.2673



57.7169, 0.3895, 0.3695



57.7169, 0.2450, 0.3122

Square

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



57.7169, 0.3895, 0.3695



57.7169, 0.2999, 0.3833



57.7169, 0.2412, 0.2825



57.7169, 0.3221, 0.2823

Rectangle

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



57.7169, 0.3895, 0.3695



57.7169, 0.3509, 0.3990



57.7169, 0.2412, 0.2825



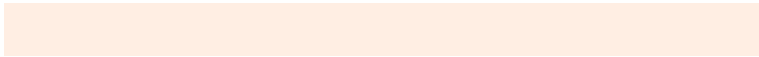
57.7169, 0.2726, 0.2659

Sweetspot

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



57.7196, 0.3895, 0.3695



88.1513, 0.3311, 0.3403



46.0118, 0.3496, 0.2707



18.5726, 0.3336, 0.3417



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.



57.7196, 0.3895, 0.3695



58.6382, 0.4105, 0.3777



80.1464, 0.3722, 0.4140



17.5874, 0.3283, 0.3387



15.5714, 0.5680, 0.3872



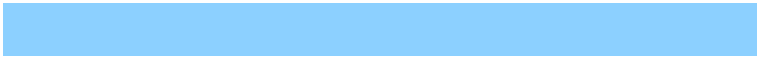
1.5649, 0.5453, 0.4052

Inverse Universe

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



57.3319, 0.2539, 0.2842



58.1238, 0.2423, 0.2731



38.6817, 0.2455, 0.2266



17.5632, 0.2980, 0.3192



14.8231, 0.1862, 0.1901



1.5043, 0.1915, 0.2093

Previews

White Background



This preview shows how the Yxy color 57.7169, 0.3895, 0.3695 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 57.7169, 0.3895, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

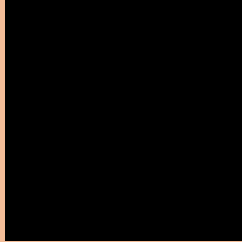
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7169, 0.3895, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 57.7169, 0.3895, 0.3695.



This preview shows how white text looks on a background with the Yxy color 57.7169, 0.3895, 0.3695.

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

57.7169, 0.3895, 0.3695

Protanopia

57.8890, 0.3558, 0.3801

Deuteranopia

57.7665, 0.3830, 0.3748



Tritanopia

57.8546, 0.3570, 0.3142

Trichromacy



Original Color

57.7169, 0.3895, 0.3695

Protanomaly

57.6937, 0.3680, 0.3764

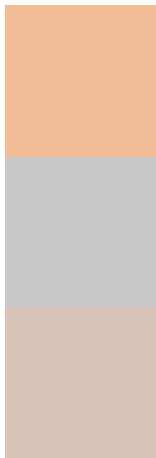
Deuteranomaly

57.8467, 0.3860, 0.3733

Tritanomaly

57.6269, 0.3686, 0.3335

Monochromacy



Original Color

57.7169, 0.3895, 0.3695

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9503, 0.3387, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7169, 0.3895, 0.3695 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(243, 189, 152)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 152)  
}
```

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(243, 189, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 152) }
```

Border

The CSS property to change the border of an element to Yxy 57.7169, 0.3895, 0.3695 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(243, 189, 152) }
```

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

```
.border{ border-color:rgb(243, 189, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 152);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7169, 0.3895, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 152) }
```

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

```
.background{ background-color: rgb(243,  
189, 152) }
```

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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