

Converting Colors

$Yxy(56.8942, 0.3882, 0.3693)$

Have a look what the booklet for
Yxy(56.8942, 0.3882, 0.3693)
contains.

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Color

Yxy(56.9342, 0.3881, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	F1BC98
RGB	241, 188, 152
RGB Percent	95%, 74%, 60%
CMY	0.0551, 0.2626, 0.4040
CMYK	0.00, 0.22, 0.37, 0.06
HSL	24°, 76%, 77%
HSV	24°, 37%, 94%
XYZ	59.9137, 56.9342, 37.5290
YIQ	199.7430, 43.1440, 0.0400

Conversions

Conversions Part 2

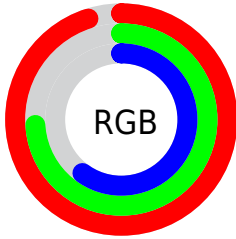
Format	Color
R _Y B	241, 212, 152
Decimal	15842456
CIE Lab	80.14, 14.30, 25.54
CIE LCh	80, 29.269, 60.743
Yxy	56.9342, 0.3881, 0.3688
Android (android.graphics.Color)	4294032536 (0xFFFF1BC98)
YUV	199.7430, -23.5373, 36.1824
Hunter-Lab	75.4548, 9.6893, 23.3292

Details

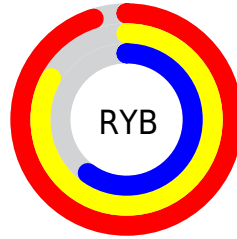
The Yxy color **56.9342, 0.3881, 0.3688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6420, 0.2548, 0.2850**, and the grayscale version is **57.7192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4176, 0.3437, 0.3668**, and **28.3348, 0.4070, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **50.4016, 0.4158, 0.3794**, and if you desaturate by 10%, it is **64.2409, 0.3636, 0.3576**.

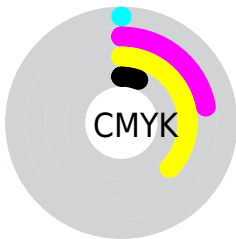
Distribution



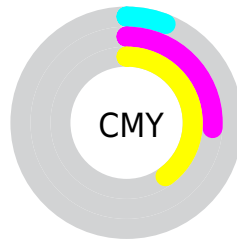
- Red (95%)
- Green (74%)
- Blue (60%)



- Red (95%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9342, 0.3881, 0.3688 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 56.9342, 0.3881, 0.3688 by changing the saturation by 10% instead.


 56.9342, 0.3881,
0.3688


 56.9342, 0.3881,
0.3688


413.2027, 0.3515,
0.3507

 40.9524, 0.3968,
0.3727


 100.3692, 0.3751,
0.3627

 28.2819, 0.4078,
0.3775


 128.5911, 0.3701,
0.3602

 18.5383, 0.4218,
0.3832


161.6620, 0.3659,
0.3581

 11.3371, 0.4405,
0.3901

199.9660, 0.3622,
0.3563

 6.2941, 0.4661,
0.3982

243.8878, 0.3590,
0.3546

 3.0247, 0.5050,
0.4082

293.8115, 0.3562,

 1.1446, 0.5763,

0.3532

0.4237

350.1217, 0.3537,
0.3519

0.0158, 0.9585,
0.0415

0.0000, 0.0000,
0.0000

56.9342, 0.3881,
0.3688

56.9342, 0.3881,
0.3688

50.4016, 0.4158,
0.3794

64.2409, 0.3636,
0.3576

44.6076, 0.4462,
0.3887

72.3394, 0.3423,
0.3466

39.5256, 0.4783,
0.3953

81.2571, 0.3239,
0.3360

35.1238, 0.5103,
0.3980

91.0173, 0.3081,
0.3260

■ 31.3674, 0.5397,
0.3956

■ 97.4329, 0.3041,
0.3290

■ 28.2160, 0.5642,
0.3878

■ 27.3561, 0.5710,
0.3848

Harmonies

Analogous

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



56.9342, 0.3840, 0.3385



56.9342, 0.3881, 0.3688



56.9342, 0.3709, 0.3913

Triad

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



56.9342, 0.3881, 0.3688



56.9342, 0.2668, 0.3497



56.9342, 0.2841, 0.2688

Complementary

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



56.9342, 0.3881, 0.3688



56.6420, 0.2548, 0.2850

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.



56.9342, 0.2558, 0.2684



56.9342, 0.3881, 0.3688



56.9342, 0.2462, 0.3126

Square

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



56.9342, 0.3881, 0.3688



56.9342, 0.3002, 0.3823



56.9342, 0.2424, 0.2834



56.9342, 0.3219, 0.2830

Rectangle

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



56.9342, 0.3881, 0.3688



56.9342, 0.3503, 0.3977



56.9342, 0.2424, 0.2834



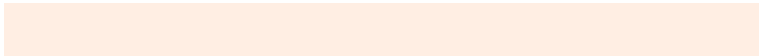
56.9342, 0.2733, 0.2670

Sweetspot

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



56.9369, 0.3881, 0.3688



88.1350, 0.3311, 0.3403



45.5690, 0.3489, 0.2715



18.5687, 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.



56.9369, 0.3881, 0.3688



59.3120, 0.4077, 0.3766



78.7050, 0.3713, 0.4128



16.8101, 0.3283, 0.3386



15.0893, 0.5681, 0.3871



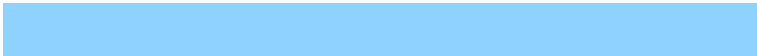
1.4456, 0.5442, 0.4061

Inverse Universe

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



56.6420, 0.2548, 0.2850



58.9113, 0.2438, 0.2748



38.4695, 0.2466, 0.2284



16.7924, 0.2980, 0.3192



14.4285, 0.1863, 0.1906



1.3951, 0.1919, 0.2107

Previews

White Background



This preview shows how the Yxy color 56.9342, 0.3881, 0.3688 looks on a white background.

Color Contrast Check

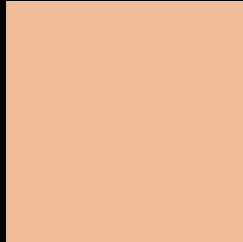
Large Text (above 18pt) WCAG AA × Fail

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 56.9342, 0.3881, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

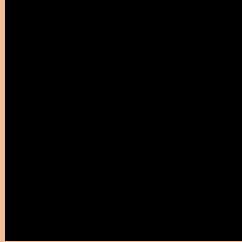
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9342, 0.3881, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 56.9342, 0.3881, 0.3688.



This preview shows how white text looks on a background with the Yxy color 56.9342, 0.3881, 0.3688.

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

56.9342, 0.3881, 0.3688

Protanopia

57.2782, 0.3552, 0.3792

Deuteranopia

56.9884, 0.3817, 0.3741



Tritanopia

56.8539, 0.3555, 0.3141

Trichromacy



Original Color

56.9342, 0.3881, 0.3688

Protanomaly

57.0847, 0.3674, 0.3755

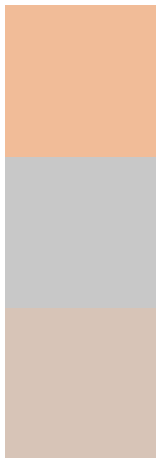
Deuteranomaly

57.0658, 0.3847, 0.3725

Tritanomaly

56.8094, 0.3680, 0.3335

Monochromacy



Original Color

56.9342, 0.3881, 0.3688

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3458, 0.3381, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9342, 0.3881, 0.3688 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(241, 188, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 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(241, 188, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 152) }
```

Border

The CSS property to change the border of an element to Yxy 56.9342, 0.3881, 0.3688 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(241, 188, 152) }
```

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

```
.border{ border-color:rgb(241, 188, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9342, 0.3881, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 152) }
```

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

```
.background{ background-color: rgb(241,  
188, 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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