

Converting Colors

$Yxy(62.8958, 0.3690, 0.3539)$

Have a look what the booklet for
Yxy(62.8958, 0.3690, 0.3539)
contains.

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Color

Yxy(62.8958, 0.3690, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6AF
RGB	245, 198, 175
RGB Percent	96%, 78%, 69%
CMY	0.0394, 0.2235, 0.3137
CMYK	0.00, 0.19, 0.29, 0.04
HSL	20°, 78%, 82%
HSV	20°, 29%, 96%
XYZ	65.5794, 62.8958, 49.2468
YIQ	209.4310, 35.3950, 2.8110

Conversions

Conversions Part 2

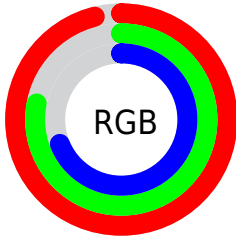
Format	Color
R _Y B	245, 209, 175
Decimal	16107183
CIE Lab	83.39, 13.43, 17.84
CIE LCh	83, 22.325, 53.029
Yxy	62.8958, 0.3690, 0.3539
Android (android.graphics.Color)	4294297263 (0xFFFF5C6AF)
YUV	209.4310, -16.9745, 31.1940
Hunter-Lab	79.3069, 8.8159, 18.6978

Details

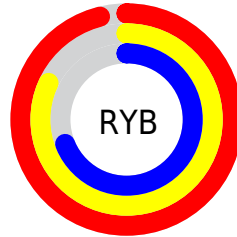
The Yxy color **62.8958, 0.3690, 0.3539** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9249, 0.2685, 0.3026**, and the grayscale version is **64.1529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **32.0430, 0.3843, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **54.9089, 0.3956, 0.3630**, and if you desaturate by 10%, it is **71.8789, 0.3462, 0.3448**.

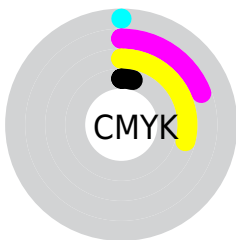
Distribution



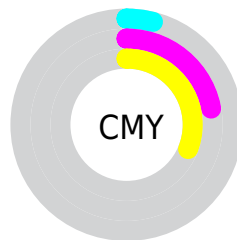
- Red (96%)
- Green (78%)
- Blue (69%)



- Red (96%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8958, 0.3690, 0.3539 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 62.8958, 0.3690, 0.3539 by changing the saturation by 10% instead.

 62.8958, 0.3690,
0.3539

 62.8958, 0.3690,
0.3539


435.1912, 0.3421,
0.3427

 45.7569, 0.3754,
0.3564


 109.0192, 0.3595,
0.3501

 32.0540, 0.3833,
0.3593


138.7724, 0.3558,
0.3486

 21.4028, 0.3936,
0.3630


173.4993, 0.3527,
0.3473

 13.4187, 0.4072,
0.3675

213.5841, 0.3500,
0.3461

 7.7175, 0.4261,
0.3732

259.4114, 0.3476,
0.3451

 3.9147, 0.4540,
0.3801

311.3654, 0.3456,

 1.6260, 0.5120,

0.3442

0.3982

369.8305, 0.3437,
0.3434

0.3750, 0.6460,
0.3540

0.0000, 0.0000,
0.0000

62.8958, 0.3690,
0.3539

62.8958, 0.3690,
0.3539

54.9089, 0.3956,
0.3630

71.8789, 0.3462,
0.3448

47.8740, 0.4260,
0.3715

81.8829, 0.3269,
0.3361

41.7564, 0.4598,
0.3785

92.9426, 0.3105,
0.3279

36.5159, 0.4957,
0.3829

98.1459, 0.3066,
0.3290

■ 32.1087, 0.5312,
0.3833

■ 28.4865, 0.5631,
0.3788

■ 25.5917, 0.5886,
0.3696

■ 25.2270, 0.5919,
0.3682

Harmonies

Analogous

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



62.8958, 0.3617, 0.3306



62.8958, 0.3690, 0.3539



62.8958, 0.3604, 0.3721

Triad

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



62.8958, 0.3690, 0.3539



62.8958, 0.2845, 0.3511



62.8958, 0.2853, 0.2826

Complementary

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



62.8958, 0.3690, 0.3539



67.9249, 0.2685, 0.3026

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.



62.8958, 0.2664, 0.2857



62.8958, 0.3690, 0.3539



62.8958, 0.2659, 0.3242

Square

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



62.8958, 0.3690, 0.3539



62.8958, 0.3111, 0.3719



62.8958, 0.2595, 0.3004



62.8958, 0.3123, 0.2907

Rectangle

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



62.8958, 0.3690, 0.3539



62.8958, 0.3472, 0.3785



62.8958, 0.2595, 0.3004



62.8958, 0.2779, 0.2823

Sweetspot

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



62.8987, 0.3690, 0.3539



89.1730, 0.3277, 0.3364



55.3883, 0.3338, 0.2790



18.7311, 0.3303, 0.3377



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.



62.8987, 0.3690, 0.3539



63.9475, 0.3832, 0.3590



80.2930, 0.3593, 0.3884



17.3727, 0.3285, 0.3368



13.8196, 0.5890, 0.3705



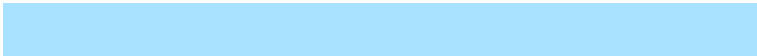
1.3948, 0.5647, 0.3898

Inverse Universe

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



67.9249, 0.2685, 0.3026



70.2340, 0.2602, 0.2967



51.6025, 0.2641, 0.2616



17.7855, 0.2980, 0.3210



18.1995, 0.1938, 0.2177



1.7869, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 62.8958, 0.3690, 0.3539 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 62.8958, 0.3690, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

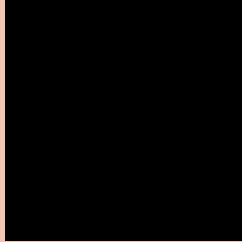
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8958, 0.3690, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 62.8958, 0.3690, 0.3539.



This preview shows how white text looks on a background with the Yxy color 62.8958, 0.3690, 0.3539.

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

62.8958, 0.3690, 0.3539

Protanopia

62.8264, 0.3408, 0.3601

Deuteranopia

62.9290, 0.3643, 0.3564



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.8958, 0.3690, 0.3539

Protanomaly

62.8941, 0.3511, 0.3583

Deuteranomaly

62.8192, 0.3663, 0.3552

Tritanomaly

62.9722, 0.3553, 0.3281

Monochromacy



Original Color

62.8958, 0.3690, 0.3539

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2235, 0.3317, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8958, 0.3690, 0.3539 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(245, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 175)  
}
```

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(245, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 175) }
```

Border

The CSS property to change the border of an element to Yxy 62.8958, 0.3690, 0.3539 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(245, 198, 175) }
```

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

```
.border{ border-color:rgb(245, 198, 175) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8958, 0.3690, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 175) }
```

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

```
.background{ background-color: rgb(245,  
198, 175) }
```

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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