

Converting Colors

$Y_{xy}(60.3660, 0.3809, 0.3691)$

Have a look what the booklet for
Yxy(60.3660, 0.3809, 0.3691)
contains.

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Color

Yxy(60.3761, 0.3813, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	F2C39E
RGB	242, 195, 158
RGB Percent	95%, 76%, 62%
CMY	0.0510, 0.2353, 0.3804
CMYK	0.00, 0.19, 0.35, 0.05
HSL	26°, 76%, 78%
HSV	26°, 35%, 95%
XYZ	62.3042, 60.3761, 40.7191
YIQ	204.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

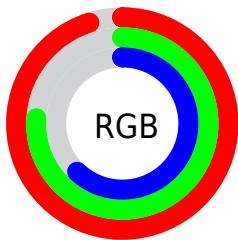
Format	Color
R _Y B	242, 224, 158
Decimal	15909790
CIE Lab	82.04, 11.74, 24.95
CIE LCh	82, 27.572, 64.789
Yxy	60.3761, 0.3813, 0.3695
Android (android.graphics.Color)	4294099870 (0xFFFF2C39E)
YUV	204.8350, -23.0897, 32.5937
Hunter-Lab	77.7021, 7.1489, 23.3210

Details

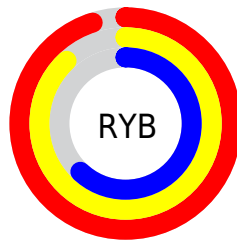
The Yxy color $60.3761, 0.3813, 0.3695$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $57.3408, 0.2577, 0.2844$, and the grayscale version is $61.0722, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6849, 0.3380, 0.3673$, and $30.2807, 0.3988, 0.3786$ is the 20% darker color. If you saturate the color by 10%, you get $53.8311, 0.4074, 0.3812$, and if you desaturate by 10%, it is $67.6410, 0.3581, 0.3574$.

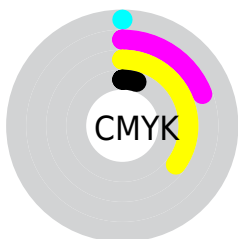
Distribution



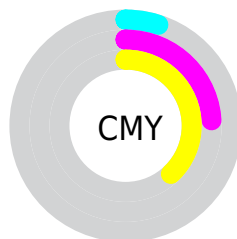
- Red (95%)
- Green (76%)
- Blue (62%)



- Red (95%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3761, 0.3813, 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 60.3761, 0.3813, 0.3695 by changing the saturation by 10% instead.


 60.3761, 0.3813,
0.3695


 60.3761, 0.3813,
0.3695


425.9827, 0.3484,
0.3510

 43.7219, 0.3891,
0.3736


 105.3751, 0.3697,
0.3632

 30.4519, 0.3987,
0.3785


 134.4886, 0.3652,
0.3607

 20.1818, 0.4111,
0.3845


168.5239, 0.3614,
0.3586

 12.5273, 0.4275,
0.3919

207.8656, 0.3581,
0.3567

 7.1039, 0.4498,
0.4011

252.8979, 0.3552,
0.3550

 3.5271, 0.4816,
0.4118

304.0052, 0.3526,

 1.4127, 0.5566,

0.3535

0.4434

361.5720, 0.3504,
0.3522

0.2261, 0.6893,
0.3107

0.0000, 0.0000,
0.0000

60.3761, 0.3813,
0.3695

60.3761, 0.3813,
0.3695

53.8311, 0.4074,
0.3812

67.6410, 0.3581,
0.3574

47.9732, 0.4361,
0.3918

75.6402, 0.3378,
0.3455

42.7795, 0.4664,
0.3999

84.3983, 0.3202,
0.3341

38.2220, 0.4968,
0.4043

93.9359, 0.3050,
0.3235

■ 34.2701, 0.5253,
0.4038

■ 97.6168, 0.3047,
0.3290

■ 30.8891, 0.5496,
0.3978

■ 29.3109, 0.5608,
0.3929

Harmonies

Analogous

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



60.3761, 0.3802, 0.3420



60.3761, 0.3813, 0.3695



60.3761, 0.3632, 0.3884

Triad

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



60.3761, 0.3813, 0.3695



60.3761, 0.2669, 0.3435



60.3761, 0.2907, 0.2741

Complementary

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



60.3761, 0.3813, 0.3695



57.3408, 0.2577, 0.2844

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.



60.3761, 0.2628, 0.2720



60.3761, 0.3813, 0.3695



60.3761, 0.2496, 0.3098

Square

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



60.3761, 0.3813, 0.3695



60.3761, 0.2967, 0.3746



60.3761, 0.2482, 0.2842



60.3761, 0.3262, 0.2889

Rectangle

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



60.3761, 0.3813, 0.3695



60.3761, 0.3433, 0.3925



60.3761, 0.2482, 0.2842



60.3761, 0.2802, 0.2719

Sweetspot

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



60.3789, 0.3813, 0.3695



89.6982, 0.3292, 0.3401



47.7690, 0.3487, 0.2779



18.9043, 0.3317, 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.



60.3789, 0.3813, 0.3695



62.4618, 0.4004, 0.3783



81.5660, 0.3669, 0.4105



16.9048, 0.3282, 0.3394



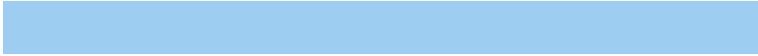
16.0085, 0.5580, 0.3952



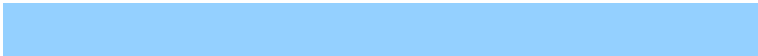
1.5267, 0.5353, 0.4132

Inverse Universe

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



57.3408, 0.2577, 0.2844



58.5298, 0.2461, 0.2730



40.0898, 0.2507, 0.2319



16.6958, 0.2980, 0.3183



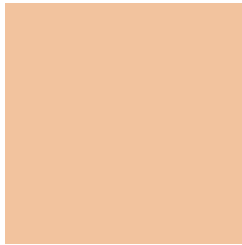
13.0882, 0.1828, 0.1782



1.2867, 0.1888, 0.1998

Previews

White Background



This preview shows how the Yxy color 60.3761, 0.3813, 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 60.3761, 0.3813, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

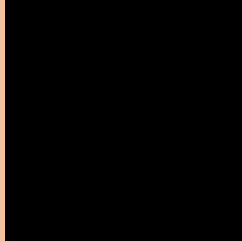
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3761, 0.3813, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 60.3761, 0.3813, 0.3695.



This preview shows how white text looks on a background with the Yxy color 60.3761, 0.3813, 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

60.3761, 0.3813, 0.3695

Protanopia

60.5461, 0.3542, 0.3780

Deuteranopia

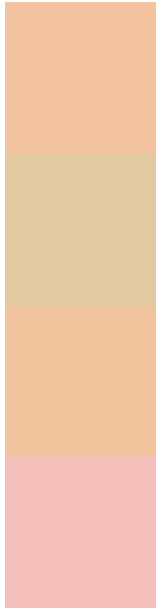
60.4737, 0.3792, 0.3708



Tritanopia

60.4811, 0.3499, 0.3143

Trichromacy



Original Color

60.3761, 0.3813, 0.3695

Protanomaly

60.5152, 0.3634, 0.3747

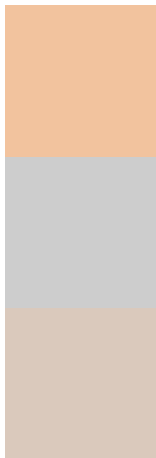
Deuteranomaly

60.6492, 0.3801, 0.3707

Tritanomaly

60.2619, 0.3611, 0.3334

Monochromacy



Original Color

60.3761, 0.3813, 0.3695

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3096, 0.3359, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3761, 0.3813, 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(242, 195, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 158)  
}
```

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(242, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 158) }
```

Border

The CSS property to change the border of an element to Yxy 60.3761, 0.3813, 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(242, 195, 158) }
```

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

```
.border{ border-color:rgb(242, 195, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3761, 0.3813, 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(242, 195, 158) }
```

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

```
.background{ background-color: rgb(242,  
195, 158) }
```

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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