

Converting Colors

$Y_{xy}(70.3509, 0.3511, 0.3469)$

Have a look what the booklet for
Yxy(70.3509, 0.3511, 0.3469)
contains.

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Color

Yxy(70.6199, 0.3508, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	F6D4C3
RGB	246, 212, 195
RGB Percent	96%, 83%, 76%
CMY	0.0354, 0.1686, 0.2353
CMYK	0.00, 0.14, 0.21, 0.04
HSL	20°, 74%, 86%
HSV	20°, 21%, 96%
XYZ	71.3933, 70.6199, 61.5024
YIQ	220.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

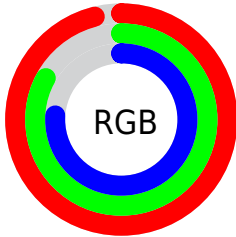
Format	Color
R _Y B	246, 221, 195
Decimal	16176323
CIE Lab	87.30, 9.25, 12.78
CIE LCh	87, 15.775, 54.096
Yxy	70.6199, 0.3508, 0.3470
Android (android.graphics.Color)	4294366403 (0xFFFF6D4C3)
YUV	220.2280, -12.4374, 22.6020
Hunter-Lab	84.0356, 4.5839, 15.4329

Details

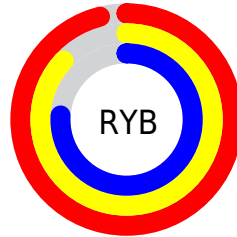
The Yxy color **70.6199, 0.3508, 0.3470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2756, 0.2805, 0.3103**, and the grayscale version is **71.8132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.8558, 0.3604, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **61.8172, 0.3743, 0.3563**, and if you desaturate by 10%, it is **80.4441, 0.3308, 0.3380**.

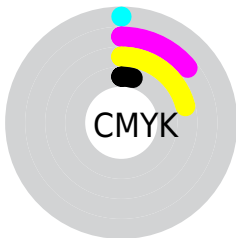
Distribution



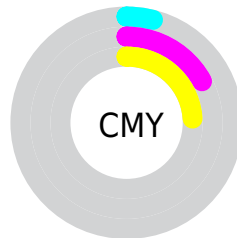
- Red (96%)
- Green (83%)
- Blue (76%)



- Red (96%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6199, 0.3508, 0.3470 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 70.6199, 0.3508, 0.3470 by changing the saturation by 10% instead.


 70.6199, 0.3508,
0.3470

 70.6199, 0.3508,
0.3470


462.7236, 0.3330,
0.3389

 52.0321, 0.3549,
0.3488


120.0924, 0.3446,
0.3442

 37.0306, 0.3601,
0.3510


151.7458, 0.3422,
0.3431

 25.2312, 0.3666,
0.3537


188.5231, 0.3401,
0.3422

 16.2494, 0.3752,
0.3572

230.8089, 0.3383,
0.3414

 9.7008, 0.3870,
0.3617

278.9874, 0.3367,
0.3406

 5.2010, 0.4042,
0.3678

333.4431, 0.3353,

 2.3657, 0.4313,

0.3400

0.3762

394.5604, 0.3341,
0.3394

0.8082, 0.5539,
0.4461

0.0000, 0.0000,
0.0000

70.6199, 0.3508,
0.3470

70.6199, 0.3508,
0.3470

61.8172, 0.3743,
0.3563

80.4441, 0.3308,
0.3380

53.9926, 0.4016,
0.3654

91.3122, 0.3138,
0.3296

47.1139, 0.4327,
0.3738

98.3279, 0.3072,
0.3290

41.1432, 0.4669,
0.3805

■ 36.0396, 0.5027,
0.3842

■ 31.7590, 0.5376,
0.3837

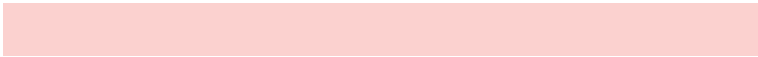
■ 28.2522, 0.5681,
0.3781

■ 25.6345, 0.5907,
0.3692

Harmonies

Analogous

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



70.6199, 0.3462, 0.3311



70.6199, 0.3508, 0.3470



70.6199, 0.3448, 0.3589

Triad

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



70.6199, 0.3508, 0.3470



70.6199, 0.2930, 0.3433



70.6199, 0.2947, 0.2970

Complementary

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



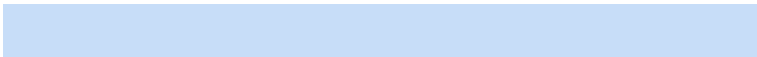
70.6199, 0.3508, 0.3470



74.2756, 0.2805, 0.3103

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.



70.6199, 0.2812, 0.2991



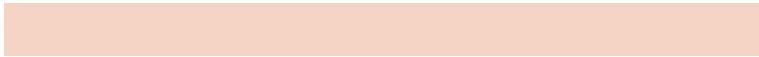
70.6199, 0.3508, 0.3470



70.6199, 0.2803, 0.3255

Square

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



70.6199, 0.3508, 0.3470



70.6199, 0.3112, 0.3573



70.6199, 0.2761, 0.3093



70.6199, 0.3133, 0.3028

Rectangle

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



70.6199, 0.3508, 0.3470



70.6199, 0.3358, 0.3626



70.6199, 0.2761, 0.3093



70.6199, 0.2894, 0.2968

Sweetspot

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



70.6231, 0.3508, 0.3470



92.7206, 0.3224, 0.3340



64.2785, 0.3277, 0.2939



19.6818, 0.3236, 0.3345



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.



70.6231, 0.3508, 0.3470



72.3815, 0.3605, 0.3510



84.3745, 0.3457, 0.3726



17.3860, 0.3285, 0.3370



13.9159, 0.5877, 0.3715



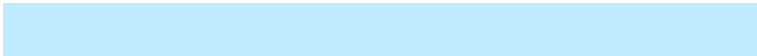
1.4045, 0.5635, 0.3907

Inverse Universe

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



74.2756, 0.2805, 0.3103



77.0191, 0.2738, 0.3059



61.2054, 0.2785, 0.2813



17.7717, 0.2980, 0.3209



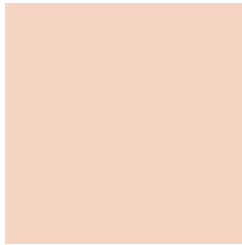
17.9751, 0.1933, 0.2160



1.7684, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 70.6199, 0.3508, 0.3470 looks on a white background.

Color Contrast Check

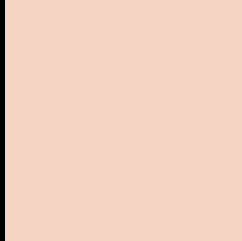
Large Text (above 18pt) WCAG AA × Fail

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 70.6199, 0.3508, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

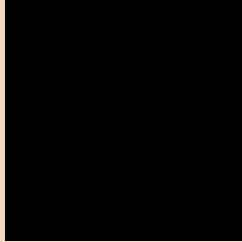
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6199, 0.3508, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 70.6199, 0.3508, 0.3470.



This preview shows how white text looks on a background with the Yxy color 70.6199, 0.3508, 0.3470.

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

70.6199, 0.3508, 0.3470

Protanopia

70.7140, 0.3338, 0.3509

Deuteranopia

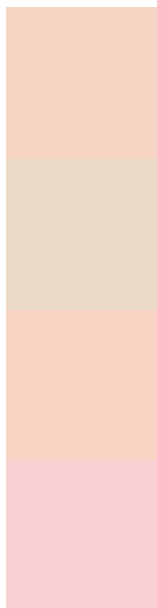
70.6684, 0.3534, 0.3458



Tritanopia

70.8176, 0.3331, 0.3127

Trichromacy



Original Color

70.6199, 0.3508, 0.3470

Protanomaly

70.8051, 0.3401, 0.3496

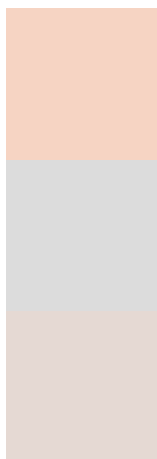
Deuteranomaly

70.4851, 0.3526, 0.3459

Tritanomaly

70.5448, 0.3403, 0.3249

Monochromacy



Original Color

70.6199, 0.3508, 0.3470

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9869, 0.3256, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6199, 0.3508, 0.3470 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(246, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 195)  
}
```

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(246, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 195) }
```

Border

The CSS property to change the border of an element to Yxy 70.6199, 0.3508, 0.3470 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(246, 212, 195) }
```

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

```
.border{ border-color:rgb(246, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6199, 0.3508, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 195) }
```

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

```
.background{ background-color: rgb(246,  
212, 195) }
```

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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