

Converting Colors

$Yxy(69.8551, 0.3592, 0.3603)$

Have a look what the booklet for
Yxy(69.8551, 0.3592, 0.3603)
contains.

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Color

Yxy(69.9183, 0.3590, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4B7
RGB	245, 212, 183
RGB Percent	96%, 83%, 72%
CMY	0.0392, 0.1686, 0.2824
CMYK	0.00, 0.13, 0.25, 0.04
HSL	28°, 76%, 84%
HSV	28°, 25%, 96%
XYZ	69.7435, 69.9183, 54.6097
YIQ	218.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

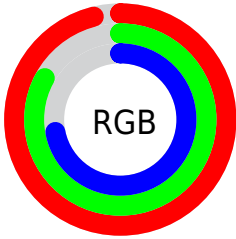
Format	Color
R _Y B	245, 237, 183
Decimal	16110775
CIE Lab	86.96, 7.20, 18.61
CIE LCh	87, 19.953, 68.842
Yxy	69.9183, 0.3590, 0.3599
Android (android.graphics.Color)	4294300855 (0xFFFF5D4B7)
YUV	218.5610, -17.5316, 23.1870
Hunter-Lab	83.6172, 2.5534, 19.8102

Details

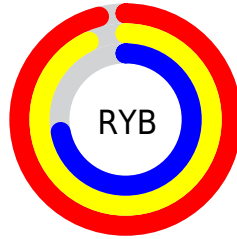
The Yxy color **69.9183, 0.3590, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.7520, 0.2725, 0.2959**, and the grayscale version is **70.6277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **36.4170, 0.3703, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **62.7337, 0.3820, 0.3727**, and if you desaturate by 10%, it is **77.8127, 0.3388, 0.3472**.

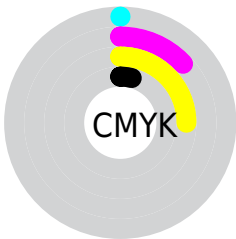
Distribution



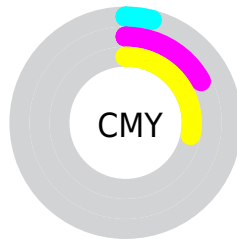
- Red (96%)
- Green (83%)
- Blue (72%)



- Red (96%)
- Yellow (93%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9183, 0.3590, 0.3599 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 69.9183, 0.3590, 0.3599 by changing the saturation by 10% instead.

 69.9183, 0.3590,
0.3599

 69.9183, 0.3590,
0.3599

460.2631, 0.3373,
0.3458

 51.4599, 0.3640,
0.3630

 119.0922, 0.3514,
0.3551

 36.5748, 0.3702,
0.3669


150.5766, 0.3485,
0.3532

 24.8784, 0.3781,
0.3716


187.1717, 0.3460,
0.3515

 15.9865, 0.3884,
0.3777

229.2621, 0.3438,
0.3501

 9.5146, 0.4024,
0.3857

277.2320, 0.3419,
0.3489

 5.0783, 0.4224,
0.3964

331.4658, 0.3402,

 2.2933, 0.4544,

0.3477

0.4121

392.3481, 0.3387,
0.3467

0.7702, 0.5415,
0.4585

0.0000, 0.0000,
0.0000

69.9183, 0.3590,
0.3599

69.9183, 0.3590,
0.3599

62.7337, 0.3820,
0.3727

77.8127, 0.3388,
0.3472

56.2278, 0.4076,
0.3851

86.4277, 0.3211,
0.3351

50.3810, 0.4354,
0.3962

95.6904, 0.3067,
0.3252

45.1688, 0.4646,
0.4048

98.1512, 0.3066,
0.3290

■ 40.5647, 0.4936,
0.4095

■ 36.5398, 0.5205,
0.4093

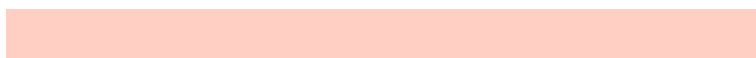
■ 33.0607, 0.5433,
0.4034

■ 31.6000, 0.5528,
0.3993

Harmonies

Analogous

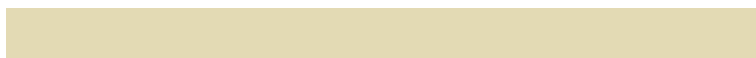
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9183, 0.3599, 0.3415



69.9183, 0.3590, 0.3599



69.9183, 0.3453, 0.3710

Triad

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



69.9183, 0.3590, 0.3599



69.9183, 0.2787, 0.3361



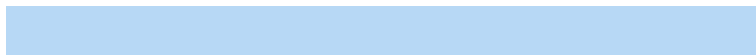
69.9183, 0.3009, 0.2912

Complementary

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



69.9183, 0.3590, 0.3599



65.7520, 0.2725, 0.2959

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.



69.9183, 0.2801, 0.2887



69.9183, 0.3590, 0.3599



69.9183, 0.2678, 0.3135

Square

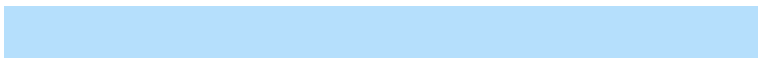
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9183, 0.3590, 0.3599



69.9183, 0.2988, 0.3575



69.9183, 0.2683, 0.2964



69.9183, 0.3256, 0.3029

Rectangle

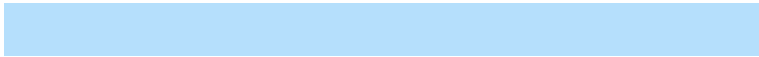
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9183, 0.3590, 0.3599



69.9183, 0.3311, 0.3721



69.9183, 0.2683, 0.2964



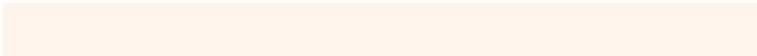
69.9183, 0.2932, 0.2893

Sweetspot

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



69.9215, 0.3590, 0.3599



92.0263, 0.3257, 0.3383



58.2322, 0.3384, 0.2942



19.3889, 0.3283, 0.3402



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.



69.9215, 0.3590, 0.3599



72.7445, 0.3696, 0.3660



86.8863, 0.3515, 0.3904



17.7614, 0.3282, 0.3401



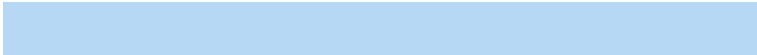
17.2964, 0.5501, 0.4014



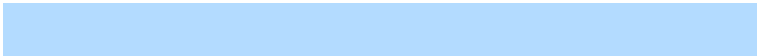
1.7240, 0.5295, 0.4177

Inverse Universe

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



65.7520, 0.2725, 0.2959



67.5067, 0.2648, 0.2888



51.3766, 0.2692, 0.2592



17.3863, 0.2980, 0.3176



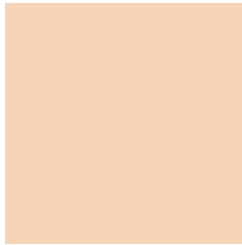
12.4778, 0.1801, 0.1685



1.3024, 0.1861, 0.1901

Previews

White Background



This preview shows how the Yxy color 69.9183, 0.3590, 0.3599 looks on a white background.

Color Contrast Check

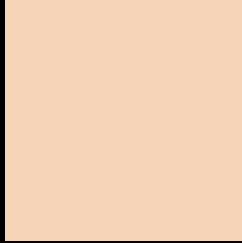
Large Text (above 18pt) WCAG AA × Fail

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 69.9183, 0.3590, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

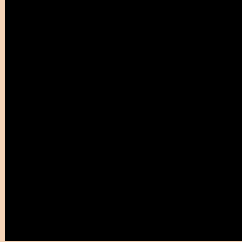
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9183, 0.3590, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 69.9183, 0.3590, 0.3599.



This preview shows how white text looks on a background with the Yxy color 69.9183, 0.3590, 0.3599.

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

69.9183, 0.3590, 0.3599

Protanopia

69.8289, 0.3432, 0.3632

Deuteranopia

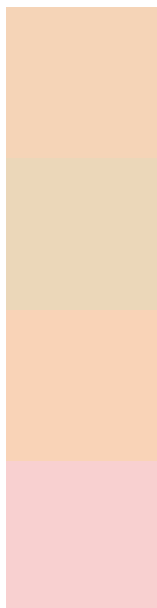
70.0213, 0.3643, 0.3573



Tritanopia

69.7405, 0.3348, 0.3127

Trichromacy



Original Color

69.9183, 0.3590, 0.3599

Protanomaly

69.7658, 0.3490, 0.3617

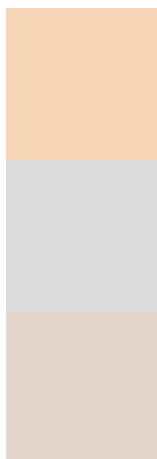
Deuteranomaly

70.1472, 0.3624, 0.3585

Tritanomaly

69.6223, 0.3434, 0.3291

Monochromacy



Original Color

69.9183, 0.3590, 0.3599

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0619, 0.3284, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9183, 0.3590, 0.3599 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, 212, 183)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 183)  
}
```

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, 212, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 183) }
```

Border

The CSS property to change the border of an element to Yxy 69.9183, 0.3590, 0.3599 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, 212, 183) }
```

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

```
.border{ border-color:rgb(245, 212, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 212, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 212, 183); box-shadow:4px 4px 4px 4px rgb(245, 212, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9183, 0.3590, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 183) }
```

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

```
.background{ background-color: rgb(245,  
212, 183) }
```

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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