

Converting Colors

$Yxy(69.9195, 0.3482, 0.3516)$

Have a look what the booklet for
Yxy(69.9195, 0.3482, 0.3516)
contains.

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Color

Yxy(69.9195, 0.3482, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	F0D5C0
RGB	240, 213, 192
RGB Percent	94%, 84%, 75%
CMY	0.0588, 0.1647, 0.2472
CMYK	0.00, 0.11, 0.20, 0.06
HSL	26°, 62%, 85%
HSV	26°, 20%, 94%
XYZ	69.2434, 69.9195, 59.6980
YIQ	218.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

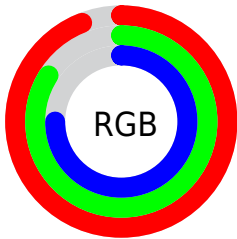
Format	Color
R _Y B	240, 229, 192
Decimal	15783360
CIE Lab	86.96, 6.12, 13.82
CIE LCh	87, 15.114, 66.118
Yxy	69.9195, 0.3482, 0.3516
Android (android.graphics.Color)	4293973440 (0xFFFF0D5C0)
YUV	218.6790, -13.1527, 18.6985
Hunter-Lab	83.6179, 1.4833, 16.2031

Details

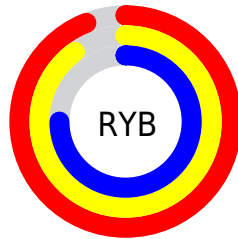
The Yxy color **69.9195, 0.3482, 0.3516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1449, 0.2813, 0.3053**, and the grayscale version is **70.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.5081, 0.3569, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **62.4365, 0.3701, 0.3636**, and if you desaturate by 10%, it is **78.1469, 0.3292, 0.3400**.

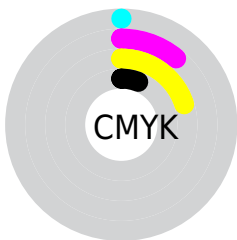
Distribution



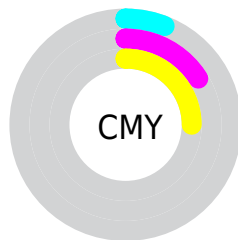
- Red (94%)
- Green (84%)
- Blue (75%)



- Red (94%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9195, 0.3482, 0.3516 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 69.9195, 0.3482, 0.3516 by changing the saturation by 10% instead.

 69.9195, 0.3482,
0.3516

 69.9195, 0.3482,
0.3516

460.2673, 0.3316,
0.3413

 51.4609, 0.3520,
0.3539

 119.0939, 0.3424,
0.3480

 36.5756, 0.3568,
0.3568


150.5786, 0.3401,
0.3466

 24.8790, 0.3629,
0.3604

187.1741, 0.3382,
0.3454

 15.9870, 0.3709,
0.3650

229.2647, 0.3365,
0.3444

 9.5149, 0.3819,
0.3711

277.2350, 0.3351,
0.3435

 5.0785, 0.3978,
0.3797

331.4692, 0.3338,

 2.2934, 0.4229,

0.3427

0.3921

392.3519, 0.3326,
0.3419

0.7702, 0.5338,
0.4662

0.0000, 0.0000,
0.0000

69.9195, 0.3482,
0.3516

69.9195, 0.3482,
0.3516

62.4365, 0.3701,
0.3636

78.1469, 0.3292,
0.3400

55.6665, 0.3949,
0.3755

87.1304, 0.3127,
0.3290

49.5893, 0.4225,
0.3867

96.3016, 0.3036,
0.3275

44.1802, 0.4522,
0.3960

97.2669, 0.3035,
0.3290

■ 39.4124, 0.4830,
0.4023

■ 35.2573, 0.5128,
0.4042

■ 31.6824, 0.5394,
0.4007

■ 28.6485, 0.5615,
0.3924

Harmonies

Analogous

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



69.9195, 0.3479, 0.3374



69.9195, 0.3482, 0.3516



69.9195, 0.3388, 0.3603

Triad

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



69.9195, 0.3482, 0.3516



69.9195, 0.2880, 0.3360



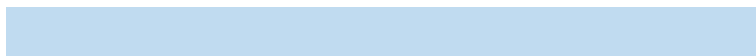
69.9195, 0.3022, 0.2996

Complementary

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



69.9195, 0.3482, 0.3516



68.1449, 0.2813, 0.3053

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.



69.9195, 0.2868, 0.2985



69.9195, 0.3482, 0.3516



69.9195, 0.2788, 0.3189

Square

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



69.9195, 0.3482, 0.3516



69.9195, 0.3039, 0.3516



69.9195, 0.2784, 0.3053



69.9195, 0.3209, 0.3079

Rectangle

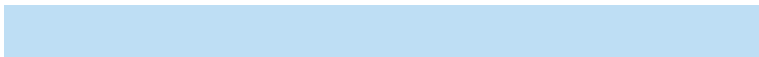
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9195, 0.3482, 0.3516



69.9195, 0.3284, 0.3615



69.9195, 0.2784, 0.3053



69.9195, 0.2965, 0.2983

Sweetspot

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



69.9226, 0.3482, 0.3516



93.6881, 0.3223, 0.3355



61.3384, 0.3308, 0.3001



19.9102, 0.3234, 0.3362



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.



69.9226, 0.3482, 0.3516



76.6464, 0.3567, 0.3565



82.7880, 0.3435, 0.3758



16.8976, 0.3282, 0.3394



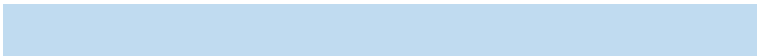
15.9358, 0.5588, 0.3945



1.5204, 0.5360, 0.4126

Inverse Universe

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



68.1449, 0.2813, 0.3053



74.2614, 0.2748, 0.2998



56.6029, 0.2795, 0.2775



16.7031, 0.2980, 0.3184



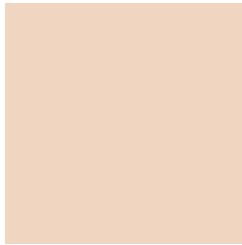
13.1860, 0.1831, 0.1791



1.2947, 0.1891, 0.2006

Previews

White Background



This preview shows how the Yxy color 69.9195, 0.3482, 0.3516 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 69.9195, 0.3482, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

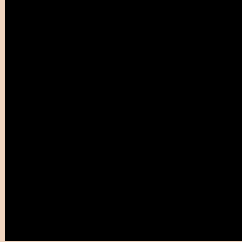
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9195, 0.3482, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 69.9195, 0.3482, 0.3516.



This preview shows how white text looks on a background with the Yxy color 69.9195, 0.3482, 0.3516.

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

69.9195, 0.3482, 0.3516

Protanopia

69.8516, 0.3360, 0.3544

Deuteranopia

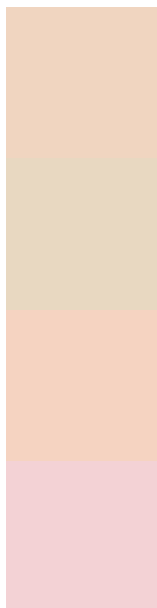
69.8999, 0.3543, 0.3470



Tritanopia

69.7811, 0.3278, 0.3114

Trichromacy



Original Color

69.9195, 0.3482, 0.3516

Protanomaly

70.1178, 0.3407, 0.3541

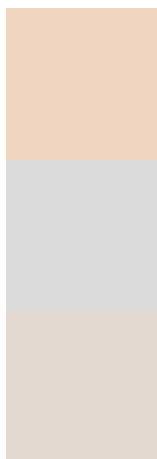
Deuteranomaly

69.8513, 0.3518, 0.3481

Tritanomaly

69.9520, 0.3356, 0.3259

Monochromacy



Original Color

69.9195, 0.3482, 0.3516

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5601, 0.3255, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9195, 0.3482, 0.3516 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(240, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 192)  
}
```

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(240, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 192) }
```

Border

The CSS property to change the border of an element to Yxy 69.9195, 0.3482, 0.3516 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(240, 213, 192) }
```

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

```
.border{ border-color:rgb(240, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9195, 0.3482, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 192) }
```

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

```
.background{ background-color: rgb(240,  
213, 192) }
```

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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