

Converting Colors

$Y_{xy}(69.2135, 0.3513, 0.3512)$

Have a look what the booklet for
Yxy(69.2135, 0.3513, 0.3512)
contains.

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Color

Yxy(69.1835, 0.3516, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	F2D3BE
RGB	242, 211, 190
RGB Percent	95%, 83%, 75%
CMY	0.0511, 0.1725, 0.2548
CMYK	0.00, 0.13, 0.21, 0.05
HSL	24°, 67%, 85%
HSV	24°, 21%, 95%
XYZ	69.2032, 69.1835, 58.4369
YIQ	217.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

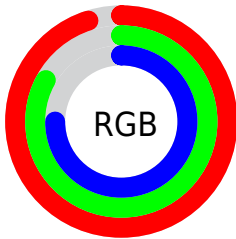
Format	Color
R _Y B	242, 225, 190
Decimal	15913918
CIE Lab	86.59, 7.59, 14.36
CIE LCh	87, 16.241, 62.120
Yxy	69.1835, 0.3516, 0.3515
Android (android.graphics.Color)	4294103998 (0xFFFF2D3BE)
YUV	217.8750, -13.7424, 21.1576
Hunter-Lab	83.1766, 2.9534, 16.5686

Details

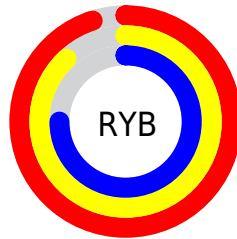
The Yxy color **69.1835, 0.3516, 0.3515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0707, 0.2791, 0.3054**, and the grayscale version is **70.1054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **35.8974, 0.3606, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **61.3658, 0.3744, 0.3626**, and if you desaturate by 10%, it is **77.8263, 0.3319, 0.3407**.

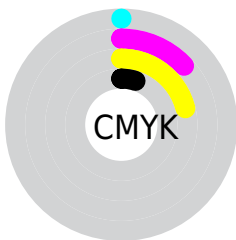
Distribution



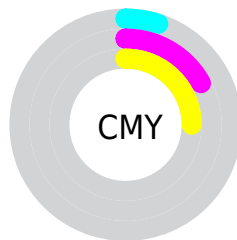
- Red (95%)
- Green (83%)
- Blue (75%)



- Red (95%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1835, 0.3516, 0.3515 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 69.1835, 0.3516, 0.3515 by changing the saturation by 10% instead.


 69.1835, 0.3516,
0.3515

 69.1835, 0.3516,
0.3515


457.6779, 0.3333,
0.3412

 50.8612, 0.3558,
0.3538


 118.0436, 0.3452,
0.3480

 36.0981, 0.3611,
0.3566


149.3502, 0.3427,
0.3466

 24.5100, 0.3678,
0.3601


185.7537, 0.3406,
0.3454

 15.7124, 0.3767,
0.3646

227.6384, 0.3388,
0.3444

 9.3208, 0.3888,
0.3706

275.3888, 0.3372,
0.3434

 4.9510, 0.4065,
0.3787

329.3892, 0.3357,

 2.2186, 0.4344,

0.3426

0.3902

390.0242, 0.3345,
0.3419

0.7301, 0.5465,
0.4535

0.0000, 0.0000,
0.0000

69.1835, 0.3516,
0.3515

69.1835, 0.3516,
0.3515

61.3658, 0.3744,
0.3626

77.8263, 0.3319,
0.3407

54.3382, 0.4004,
0.3736

87.3090, 0.3150,
0.3304

48.0771, 0.4294,
0.3837

97.1573, 0.3047,
0.3283

42.5537, 0.4609,
0.3919

97.6134, 0.3047,
0.3290

■ 37.7373, 0.4933,
0.3969

■ 33.5943, 0.5245,
0.3973

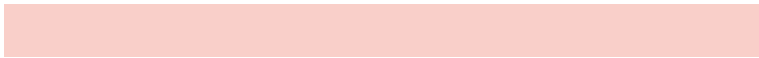
■ 30.0874, 0.5519,
0.3924

■ 27.5597, 0.5714,
0.3845

Harmonies

Analogous

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



69.1835, 0.3498, 0.3357



69.1835, 0.3516, 0.3515



69.1835, 0.3427, 0.3620

Triad

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



69.1835, 0.3516, 0.3515



69.1835, 0.2880, 0.3390



69.1835, 0.2989, 0.2967

Complementary

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



69.1835, 0.3516, 0.3515



69.0707, 0.2791, 0.3054

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.



69.1835, 0.2831, 0.2966



69.1835, 0.3516, 0.3515



69.1835, 0.2770, 0.3204

Square

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



69.1835, 0.3516, 0.3515



69.1835, 0.3058, 0.3552



69.1835, 0.2752, 0.3050



69.1835, 0.3188, 0.3048

Rectangle

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



69.1835, 0.3516, 0.3515



69.1835, 0.3320, 0.3642



69.1835, 0.2752, 0.3050



69.1835, 0.2929, 0.2957

Sweetspot

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



69.1866, 0.3516, 0.3515



93.3719, 0.3224, 0.3350



60.9437, 0.3310, 0.2962



19.8355, 0.3235, 0.3357



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.



69.1866, 0.3516, 0.3515



73.7664, 0.3617, 0.3566



83.0354, 0.3462, 0.3776



16.8069, 0.3283, 0.3386



15.0597, 0.5685, 0.3868



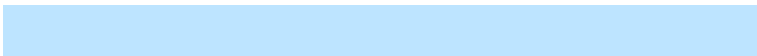
1.4430, 0.5445, 0.4058

Inverse Universe

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



69.0707, 0.2791, 0.3054



73.6089, 0.2718, 0.2996



56.4908, 0.2769, 0.2753



16.7957, 0.2980, 0.3192



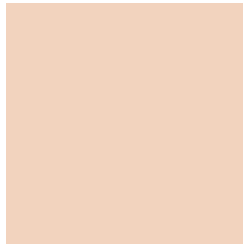
14.4758, 0.1864, 0.1910



1.3988, 0.1920, 0.2110

Previews

White Background



This preview shows how the Yxy color 69.1835, 0.3516, 0.3515 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 69.1835, 0.3516, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

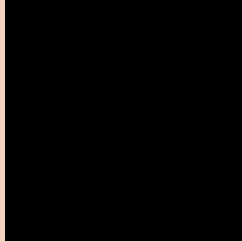
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1835, 0.3516, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 69.1835, 0.3516, 0.3515.



This preview shows how white text looks on a background with the Yxy color 69.1835, 0.3516, 0.3515.

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

69.1835, 0.3516, 0.3515

Protanopia

69.1307, 0.3361, 0.3545

Deuteranopia

69.0928, 0.3560, 0.3492



Tritanopia

69.0094, 0.3317, 0.3125

Trichromacy



Original Color

69.1835, 0.3516, 0.3515

Protanomaly

69.0547, 0.3418, 0.3531

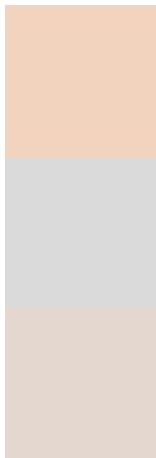
Deuteranomaly

69.2234, 0.3542, 0.3503

Tritanomaly

69.1774, 0.3396, 0.3270

Monochromacy



Original Color

69.1835, 0.3516, 0.3515

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4858, 0.3264, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1835, 0.3516, 0.3515 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, 211, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 190)  
}
```

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, 211, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 190) }
```

Border

The CSS property to change the border of an element to Yxy 69.1835, 0.3516, 0.3515 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, 211, 190) }
```

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

```
.border{ border-color:rgb(242, 211, 190) }
```

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

Here you see how a box with a 4 pixel rgb(242, 211, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1835, 0.3516, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 190) }
```

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

```
.background{ background-color: rgb(242,  
211, 190) }
```

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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