

Converting Colors

Yxy(67.9495, 0.3510, 0.3457)

Have a look what the booklet for
Yxy(67.9495, 0.3510, 0.3457)
contains.

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Color

Yxy(67.9722, 0.3516, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	F3D0C0
RGB	243, 208, 192
RGB Percent	95%, 82%, 75%
CMY	0.0470, 0.1843, 0.2472
CMYK	0.00, 0.14, 0.21, 0.05
HSL	19°, 68%, 85%
HSV	19°, 21%, 95%
XYZ	69.0324, 67.9722, 59.3333
YIQ	216.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

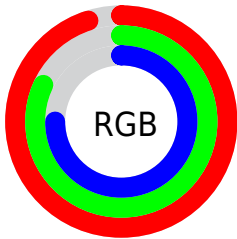
Format	Color
R _Y B	243, 215, 192
Decimal	15978688
CIE Lab	85.99, 9.82, 12.49
CIE LCh	86, 15.889, 51.824
Yxy	67.9722, 0.3516, 0.3462
Android (android.graphics.Color)	4294168768 (0xFFFF3D0C0)
YUV	216.6410, -12.1480, 23.1168
Hunter-Lab	82.4453, 5.1810, 15.0425

Details

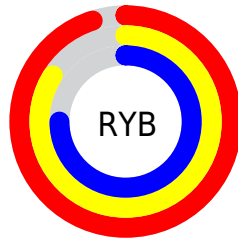
The Yxy color **67.9722, 0.3516, 0.3462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6004, 0.2802, 0.3111**, and the grayscale version is **69.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.4144, 0.3603, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **59.2806, 0.3755, 0.3550**, and if you desaturate by 10%, it is **77.7019, 0.3314, 0.3377**.

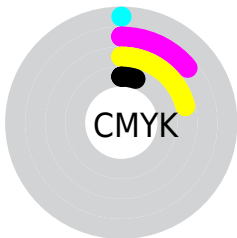
Distribution



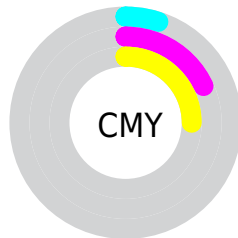
- Red (95%)
- Green (82%)
- Blue (75%)



- Red (95%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9722, 0.3516, 0.3462 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 67.9722, 0.3516, 0.3462 by changing the saturation by 10% instead.


 67.9722, 0.3516,
0.3462

 67.9722, 0.3516,
0.3462


453.3975, 0.3332,
0.3384

 49.8751, 0.3559,
0.3479


 116.3124, 0.3452,
0.3435

 35.3142, 0.3612,
0.3500


147.3243, 0.3427,
0.3425

 23.9050, 0.3680,
0.3526


183.4099, 0.3406,
0.3416

 15.2632, 0.3770,
0.3560

224.9536, 0.3387,
0.3408

 9.0043, 0.3895,
0.3603

272.3398, 0.3371,
0.3401

 4.7440, 0.4079,
0.3662

325.9529, 0.3357,

 2.0978, 0.4372,

0.3395

0.3742

386.1774, 0.3344,
0.3389

0.6634, 0.5675,
0.4325

0.0000, 0.0000,
0.0000

67.9722, 0.3516,
0.3462

67.9722, 0.3516,
0.3462

59.2806, 0.3755,
0.3550

77.7019, 0.3314,
0.3377

51.5828, 0.4033,
0.3636

88.4938, 0.3143,
0.3298

44.8450, 0.4351,
0.3714

97.7966, 0.3054,
0.3290

39.0276, 0.4701,
0.3776

■ 34.0882, 0.5069,
0.3808

■ 29.9806, 0.5425,
0.3798

■ 26.6535, 0.5735,
0.3740

■ 24.2723, 0.5956,
0.3653

Harmonies

Analogous

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



67.9722, 0.3461, 0.3298



67.9722, 0.3516, 0.3462



67.9722, 0.3463, 0.3588

Triad

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



67.9722, 0.3516, 0.3462



67.9722, 0.2939, 0.3449



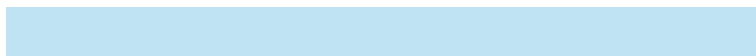
67.9722, 0.2931, 0.2962

Complementary

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



67.9722, 0.3516, 0.3462



72.6004, 0.2802, 0.3111

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.



67.9722, 0.2799, 0.2991



67.9722, 0.3516, 0.3462



67.9722, 0.2804, 0.3268

Square

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



67.9722, 0.3516, 0.3462



67.9722, 0.3127, 0.3587



67.9722, 0.2753, 0.3100



67.9722, 0.3118, 0.3016

Rectangle

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



67.9722, 0.3516, 0.3462



67.9722, 0.3375, 0.3631



67.9722, 0.2753, 0.3100



67.9722, 0.2879, 0.2962

Sweetspot

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



67.9753, 0.3516, 0.3462



92.5399, 0.3225, 0.3337



62.3282, 0.3266, 0.2918



19.6392, 0.3236, 0.3342



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.



67.9753, 0.3516, 0.3462



71.7585, 0.3608, 0.3497



81.0275, 0.3465, 0.3715



17.3319, 0.3286, 0.3365



13.5323, 0.5927, 0.3676



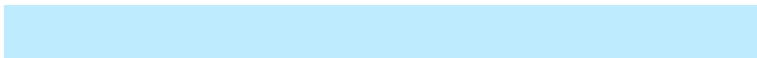
1.3656, 0.5684, 0.3869

Inverse Universe

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



72.6004, 0.2802, 0.3111



77.7305, 0.2739, 0.3072



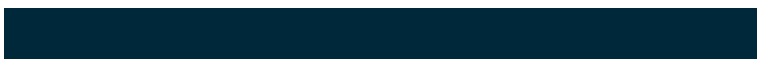
59.9998, 0.2782, 0.2826



17.8283, 0.2980, 0.3214



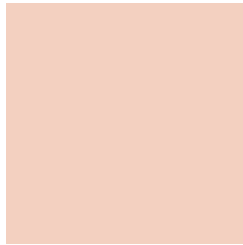
18.9049, 0.1953, 0.2230



1.8450, 0.1994, 0.2379

Previews

White Background



This preview shows how the Yxy color 67.9722, 0.3516, 0.3462 looks on a white background.

Color Contrast Check

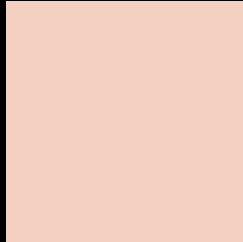
Large Text (above 18pt) WCAG AA × Fail

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 67.9722, 0.3516, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

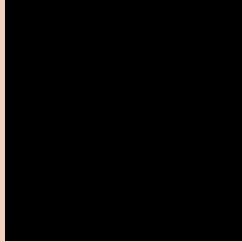
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9722, 0.3516, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 67.9722, 0.3516, 0.3462.

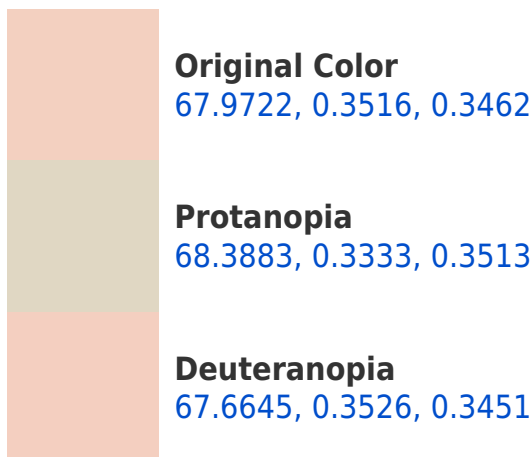


This preview shows how white text looks on a background with the Yxy color 67.9722, 0.3516, 0.3462.

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





Tritanopia

67.9459, 0.3335, 0.3124

Trichromacy



Original Color

67.9722, 0.3516, 0.3462

Protanomaly

67.9709, 0.3399, 0.3488

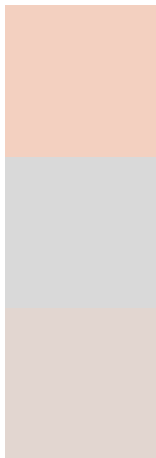
Deuteranomaly

67.6645, 0.3526, 0.3451

Tritanomaly

67.7283, 0.3401, 0.3238

Monochromacy



Original Color

67.9722, 0.3516, 0.3462

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8160, 0.3258, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9722, 0.3516, 0.3462 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(243, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(243, 208, 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(243, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 208, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.9722, 0.3516, 0.3462 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(243, 208, 192) }
```

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

```
.border{ border-color:rgb(243, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 208,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9722, 0.3516, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 208, 192) }
```

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

```
.background{ background-color: rgb(243,  
208, 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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