

Converting Colors

$Yxy(68.3342, 0.3795, 0.3929)$

Have a look what the booklet for
Yxy(68.3342, 0.3795, 0.3929)
contains.

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Color

Yxy(68.2312, 0.3795, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	F2D498
RGB	242, 212, 152
RGB Percent	95%, 83%, 60%
CMY	0.0509, 0.1686, 0.4038
CMYK	0.00, 0.12, 0.37, 0.05
HSL	40°, 78%, 77%
HSV	40°, 37%, 95%
XYZ	65.8371, 68.2312, 39.4155
YIQ	214.1300, 37.1400, -12.3000

Conversions

Conversions Part 2

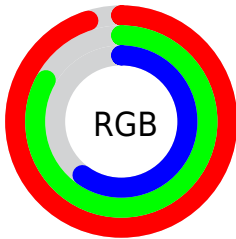
Format	Color
R _Y B	197, 242, 152
Decimal	15914136
CIE Lab	86.12, 2.22, 33.53
CIE LCh	86, 33.607, 86.215
Yxy	68.2312, 0.3795, 0.3933
Android (android.graphics.Color)	4294104216 (0xFFFF2D498)
YUV	214.1300, -30.6301, 24.4420
Hunter-Lab	82.6022, -2.2824, 29.5299

Details

The Yxy color **68.2312, 0.3795, 0.3933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5690, 0.2500, 0.2546**, and the grayscale version is **67.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **35.6881, 0.3954, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **63.5833, 0.4005, 0.4101**, and if you desaturate by 10%, it is **73.2492, 0.3595, 0.3757**.

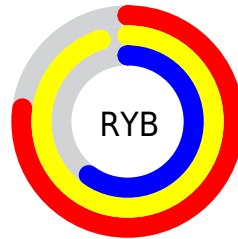
Distribution



Red (95%)

Green (83%)

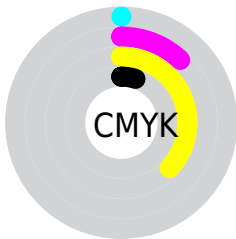
Blue (60%)



Red (77%)

Yellow (95%)

Blue (60%)

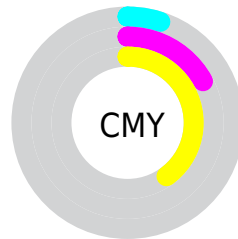


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (5%)



Cyan (5%)

Magenta (17%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2312, 0.3795, 0.3933 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 68.2312, 0.3795, 0.3933 by changing the saturation by 10% instead.

 68.2312, 0.3795,
0.3933

 68.2312, 0.3795,
0.3933


454.3147, 0.3486,
0.3638

 50.0858, 0.3864,
0.3998


 116.6828, 0.3688,
0.3832

 35.4816, 0.3949,
0.4078


 147.7579, 0.3647,
0.3792

 24.0341, 0.4054,
0.4175


183.9117, 0.3611,
0.3758

 15.3589, 0.4187,
0.4297

225.5285, 0.3579,
0.3728

 9.0717, 0.4356,
0.4450

272.9929, 0.3552,
0.3701

 4.7880, 0.4577,
0.4643

326.6891, 0.3527,

 2.1234, 0.4992,

0.3678

0.5008

387.0016, 0.3505,
0.3657

0.6777, 0.5075,
0.4925

0.0000, 0.0000,
0.0000

68.2312, 0.3795,
0.3933

68.2312, 0.3795,
0.3933

63.5833, 0.4005,
0.4101

73.2492, 0.3595,
0.3757

59.2831, 0.4218,
0.4252

78.6398, 0.3409,
0.3580

55.3200, 0.4425,
0.4373

84.4173, 0.3239,
0.3408

51.6783, 0.4617,
0.4453

90.5922, 0.3086,
0.3245

■ 48.3402, 0.4782,
0.4484

■ 95.9579, 0.3048,
0.3264

■ 45.2837, 0.4915,
0.4464

■ 97.6219, 0.3048,
0.3290

■ 44.4657, 0.4949,
0.4453

Harmonies

Analogous

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



68.2312, 0.3951, 0.3669



68.2312, 0.3795, 0.3933



68.2312, 0.3461, 0.4037

Triad

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



68.2312, 0.3795, 0.3933



68.2312, 0.2434, 0.3168



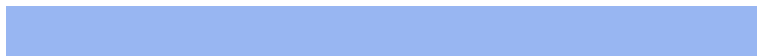
68.2312, 0.3161, 0.2765

Complementary

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



68.2312, 0.3795, 0.3933



46.5690, 0.2500, 0.2546

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.



68.2312, 0.2763, 0.2632



68.2312, 0.3795, 0.3933



68.2312, 0.2365, 0.2834

Square

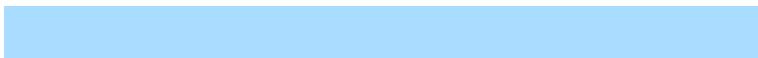
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2312, 0.3795, 0.3933



68.2312, 0.2679, 0.3575



68.2312, 0.2481, 0.2650



68.2312, 0.3573, 0.3016

Rectangle

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



68.2312, 0.3795, 0.3933



68.2312, 0.3190, 0.3978



68.2312, 0.2481, 0.2650



68.2312, 0.3021, 0.2705

Sweetspot

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



68.2344, 0.3795, 0.3933



92.4963, 0.3303, 0.3473



44.7873, 0.3714, 0.2946



19.6081, 0.3326, 0.3497



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.



68.2344, 0.3795, 0.3933



72.6378, 0.3961, 0.4068



82.3679, 0.3589, 0.4248



17.5186, 0.3276, 0.3447



24.1432, 0.4933, 0.4465



2.1906, 0.4811, 0.4562

Inverse Universe

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



46.5690, 0.2500, 0.2546



44.8728, 0.2356, 0.2353



36.9327, 0.2542, 0.2189



16.0905, 0.2980, 0.3128



6.8095, 0.1634, 0.1081



0.7428, 0.1706, 0.1342

Previews

White Background



This preview shows how the Yxy color 68.2312, 0.3795, 0.3933 looks on a white background.

Color Contrast Check

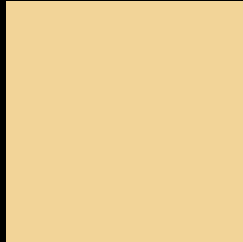
Large Text (above 18pt) WCAG AA × Fail

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 68.2312, 0.3795, 0.3933 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 68.2312, 0.3795, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 68.2312, 0.3795, 0.3933.



This preview shows how white text looks on a background with the Yxy color 68.2312, 0.3795, 0.3933.

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

68.2312, 0.3795, 0.3933

Protanopia

68.0566, 0.3697, 0.3972

Deuteranopia

68.2859, 0.3890, 0.3819



Tritanopia

67.9661, 0.3367, 0.3126

Trichromacy



Original Color

68.2312, 0.3795, 0.3933

Protanomaly

68.2259, 0.3732, 0.3955

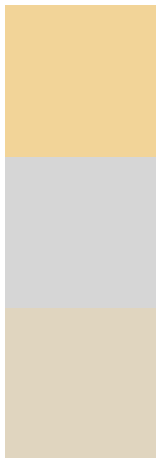
Deuteranomaly

68.2915, 0.3849, 0.3858

Tritanomaly

67.6756, 0.3521, 0.3407

Monochromacy



Original Color

68.2312, 0.3795, 0.3933

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1974, 0.3365, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2312, 0.3795, 0.3933 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, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 152)  
}
```

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, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 152) }
```

Border

The CSS property to change the border of an element to Yxy 68.2312, 0.3795, 0.3933 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, 212, 152) }
```

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

```
.border{ border-color:rgb(242, 212, 152) }
```

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

Here you see how a box with a 4 pixel rgb(242, 212, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2312, 0.3795, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 152) }
```

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

```
.background{ background-color: rgb(242,  
212, 152) }
```

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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