

Converting Colors

Yxy(67.4154, 0.3403, 0.3507)

Have a look what the booklet for
Yxy(67.4154, 0.3403, 0.3507)
contains.

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Color

Yxy(67.5508, 0.3398, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	E5D4C0
RGB	229, 212, 192
RGB Percent	90%, 83%, 75%
CMY	0.1019, 0.1686, 0.2470
CMYK	0.00, 0.07, 0.16, 0.10
HSL	32°, 42%, 83%
HSV	32°, 16%, 90%
XYZ	65.3767, 67.5508, 59.4701
YIQ	214.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

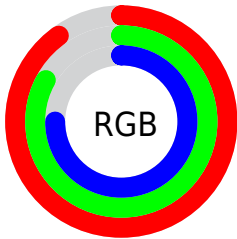
Format	Color
R _{YB}	223, 229, 192
Decimal	15062208
CIE Lab	85.78, 2.65, 12.00
CIE LCh	86, 12.290, 77.536
Yxy	67.5508, 0.3398, 0.3511
Android (android.graphics.Color)	4293252288 (0xFFE5D4C0)
YUV	214.8030, -11.2419, 12.4508
Hunter-Lab	82.1893, -1.8451, 14.6318

Details

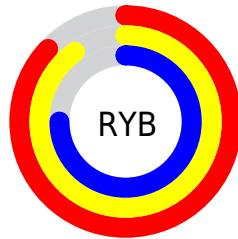
The Yxy color **67.5508, 0.3398, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4856, 0.2873, 0.3059**, and the grayscale version is **67.8877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.8623, 0.3458, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **61.5199, 0.3594, 0.3656**, and if you desaturate by 10%, it is **74.0893, 0.3224, 0.3372**.

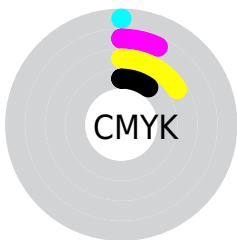
Distribution



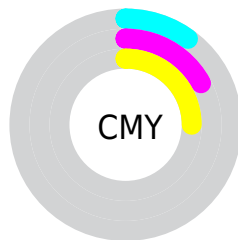
- Red (90%)
- Green (83%)
- Blue (75%)



- Red (87%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (10%)




- Cyan (10%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5508, 0.3398, 0.3511 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 67.5508, 0.3398, 0.3511 by changing the saturation by 10% instead.


 67.5508, 0.3398,
0.3511

 67.5508, 0.3398,
0.3511


451.9028, 0.3271,
0.3408

 49.5324, 0.3428,
0.3535

 115.7093, 0.3353,
0.3475

 35.0420, 0.3464,
0.3564


146.6182, 0.3336,
0.3461

 23.6952, 0.3512,
0.3601


182.5926, 0.3321,
0.3449

 15.1077, 0.3574,
0.3650

224.0171, 0.3309,
0.3439

 8.8950, 0.3660,
0.3716

271.2760, 0.3297,
0.3430

 4.6728, 0.3786,
0.3812

324.7536, 0.3287,

 2.0566, 0.3986,

0.3422

0.3960

384.8344, 0.3279,
0.3415

0.6400, 0.5126,
0.4874

0.0000, 0.0000,
0.0000

67.5508, 0.3398,
0.3511

67.5508, 0.3398,
0.3511

61.5199, 0.3594,
0.3656

74.0893, 0.3224,
0.3372

55.9739, 0.3813,
0.3802

81.1396, 0.3071,
0.3241

50.9012, 0.4052,
0.3942

88.3432, 0.2969,
0.3175

46.2864, 0.4305,
0.4068

94.8514, 0.2970,
0.3281

■ 42.1127, 0.4565,
0.4167

■ 95.4012, 0.2970,
0.3290

■ 38.3622, 0.4817,
0.4228

■ 35.0147, 0.5047,
0.4238

■ 32.0465, 0.5241,
0.4193

■ 30.9951, 0.5309,
0.4167

Harmonies

Analogous

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



67.5508, 0.3427, 0.3408



67.5508, 0.3398, 0.3511



67.5508, 0.3296, 0.3557

Triad

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



67.5508, 0.3398, 0.3511



67.5508, 0.2887, 0.3294



67.5508, 0.3099, 0.3066

Complementary

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



67.5508, 0.3398, 0.3511



62.4856, 0.2873, 0.3059

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.



67.5508, 0.2957, 0.3033



67.5508, 0.3398, 0.3511



67.5508, 0.2837, 0.3161

Square

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



67.5508, 0.3398, 0.3511



67.5508, 0.3001, 0.3431



67.5508, 0.2862, 0.3066



67.5508, 0.3252, 0.3155

Rectangle

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



67.5508, 0.3398, 0.3511



67.5508, 0.3201, 0.3546



67.5508, 0.2862, 0.3066



67.5508, 0.3048, 0.3048

Sweetspot

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



67.5538, 0.3398, 0.3511



95.5208, 0.3206, 0.3357



58.9848, 0.3296, 0.3100



20.3135, 0.3217, 0.3366



0.0000, 0.0000, 0.0000



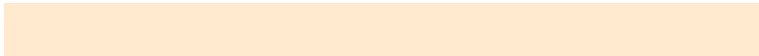
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5538, 0.3398, 0.3511



83.8590, 0.3454, 0.3553



76.3149, 0.3360, 0.3692



15.6509, 0.3279, 0.3417



17.9619, 0.5287, 0.4184



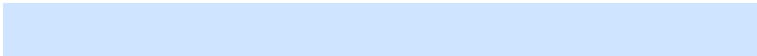
1.5127, 0.5084, 0.4345

Inverse Universe

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



62.4856, 0.2873, 0.3059



76.3686, 0.2825, 0.3012



54.7345, 0.2873, 0.2857



14.9741, 0.2981, 0.3160



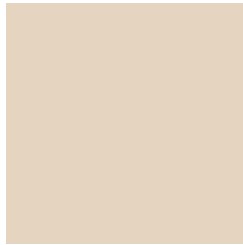
9.2852, 0.1737, 0.1451



0.8702, 0.1814, 0.1728

Previews

White Background



This preview shows how the Yxy color 67.5508, 0.3398, 0.3511 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 67.5508, 0.3398, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

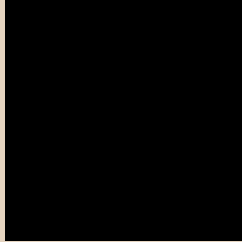
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5508, 0.3398, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 67.5508, 0.3398, 0.3511.



This preview shows how white text looks on a background with the Yxy color 67.5508, 0.3398, 0.3511.

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

67.5508, 0.3398, 0.3511

Protanopia

67.6314, 0.3341, 0.3525

Deuteranopia

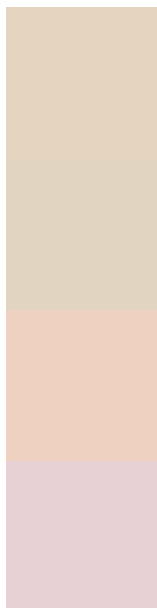
67.5306, 0.3510, 0.3440



Tritanopia

67.3311, 0.3203, 0.3109

Trichromacy



Original Color

67.5508, 0.3398, 0.3511

Protanomaly

67.4463, 0.3358, 0.3513

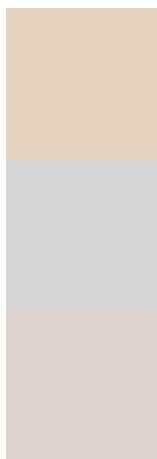
Deuteranomaly

67.6283, 0.3467, 0.3464

Tritanomaly

67.5102, 0.3280, 0.3258

Monochromacy



Original Color

67.5508, 0.3398, 0.3511

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8138, 0.3220, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5508, 0.3398, 0.3511 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(229, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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(229, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.5508, 0.3398, 0.3511 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(229, 212, 192) }
```

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

```
.border{ border-color:rgb(229, 212, 192) }
```

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

Here you see how a box with a 4 pixel rgb(229, 212, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5508, 0.3398, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 192) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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