

Converting Colors

Yxy(68.7025, 0.3344, 0.3441)

Have a look what the booklet for
Yxy(68.7025, 0.3344, 0.3441)
contains.

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Color

Yxy(68.5816, 0.3346, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5C8
RGB	230, 213, 200
RGB Percent	90%, 84%, 78%
CMY	0.0982, 0.1646, 0.2158
CMYK	0.00, 0.07, 0.13, 0.10
HSL	26°, 37%, 84%
HSV	26°, 13%, 90%
XYZ	66.8436, 68.5816, 64.3464
YIQ	216.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

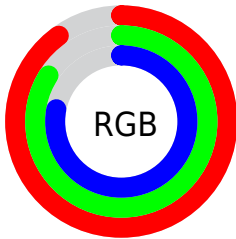
Format	Color
R _Y B	230, 223, 200
Decimal	15128008
CIE Lab	86.30, 3.71, 8.54
CIE LCh	86, 9.308, 66.517
Yxy	68.5816, 0.3346, 0.3433
Android (android.graphics.Color)	4293318088 (0xFFE6D5C8)
YUV	216.6010, -8.1843, 11.7509
Hunter-Lab	82.8140, -0.8477, 11.9015

Details

The Yxy color **68.5816, 0.3346, 0.3433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5808, 0.2925, 0.3143**, and the grayscale version is **69.1491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5277, 0.3398, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **61.3081, 0.3544, 0.3550**, and if you desaturate by 10%, it is **76.5473, 0.3174, 0.3322**.

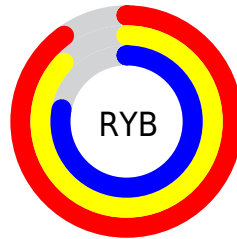
Distribution



Red (90%)

Green (84%)

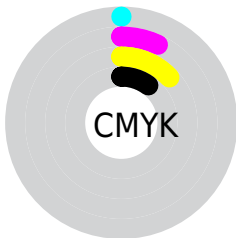
Blue (78%)



Red (90%)

Yellow (87%)

Blue (78%)

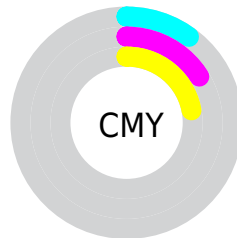


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5816, 0.3346, 0.3433 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 68.5816, 0.3346, 0.3433 by changing the saturation by 10% instead.

68.5816, 0.3346,
0.3433

68.5816, 0.3346,
0.3433

455.5539, 0.3243,
0.3367

50.3710, 0.3370,
0.3448

117.1838, 0.3310,
0.3410

35.7083, 0.3400,
0.3467

148.3442, 0.3296,
0.3401

24.2090, 0.3438,
0.3491

184.5900, 0.3284,
0.3393

15.4887, 0.3488,
0.3522

226.3056, 0.3274,
0.3387

9.1631, 0.3557,
0.3564

273.8754, 0.3265,
0.3381

4.8477, 0.3659,
0.3624

327.6838, 0.3257,

2.1582, 0.3824,

0.3376

388.1152, 0.3250,
0.3371

0.3718

0.6971, 0.4671,
0.4324

0.0000, 0.0000,
0.0000

68.5816, 0.3346,
0.3433

68.5816, 0.3346,
0.3433

61.3081, 0.3544,
0.3550

76.5473, 0.3174,
0.3322

54.6982, 0.3772,
0.3669

85.2145, 0.3027,
0.3219

48.7345, 0.4028,
0.3786

93.6712, 0.2975,
0.3260

43.3954, 0.4312,
0.3892

95.5581, 0.2975,
0.3290

■ 38.6580, 0.4615,
0.3977

■ 34.4974, 0.4922,
0.4028

■ 30.8866, 0.5215,
0.4031

■ 27.7952, 0.5469,
0.3981

■ 25.9252, 0.5620,
0.3919

Harmonies

Analogous

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



68.5816, 0.3344, 0.3345



68.5816, 0.3346, 0.3433



68.5816, 0.3288, 0.3484

Triad

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



68.5816, 0.3346, 0.3433



68.5816, 0.2973, 0.3333



68.5816, 0.3064, 0.3106

Complementary

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



68.5816, 0.3346, 0.3433



67.5808, 0.2925, 0.3143

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.



68.5816, 0.2967, 0.3099



68.5816, 0.3346, 0.3433



68.5816, 0.2915, 0.3228

Square

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



68.5816, 0.3346, 0.3433



68.5816, 0.3072, 0.3427



68.5816, 0.2913, 0.3143



68.5816, 0.3180, 0.3159

Rectangle

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



68.5816, 0.3346, 0.3433



68.5816, 0.3224, 0.3490



68.5816, 0.2913, 0.3143



68.5816, 0.3028, 0.3098

Sweetspot

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



68.5846, 0.3346, 0.3433



95.7363, 0.3190, 0.3333



63.1270, 0.3237, 0.3106



20.3233, 0.3202, 0.3341



0.0000, 0.0000, 0.0000



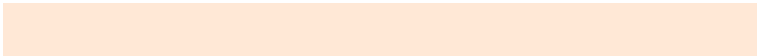
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5846, 0.3346, 0.3433



83.8018, 0.3404, 0.3468



76.4582, 0.3325, 0.3591



15.3934, 0.3282, 0.3393



14.9149, 0.5593, 0.3941



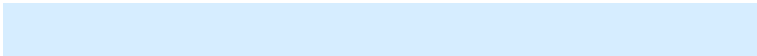
1.2841, 0.5340, 0.4142

Inverse Universe

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



67.5808, 0.2925, 0.3143



82.2683, 0.2876, 0.3105



60.2209, 0.2920, 0.2970



15.2325, 0.2981, 0.3185



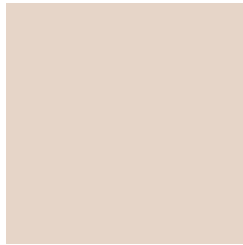
12.5244, 0.1835, 0.1805



1.1095, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 68.5816, 0.3346, 0.3433 looks on a white background.

Color Contrast Check

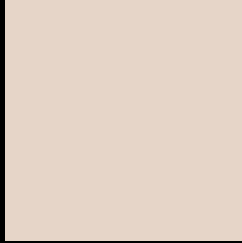
Large Text (above 18pt) WCAG AA × Fail

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 68.5816, 0.3346, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

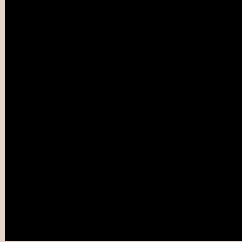
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

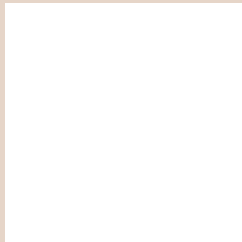
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5816, 0.3346, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 68.5816, 0.3346, 0.3433.



This preview shows how white text looks on a background with the Yxy color 68.5816, 0.3346, 0.3433.

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

68.5816, 0.3346, 0.3433

Protanopia

68.5059, 0.3283, 0.3446

Deuteranopia

68.2060, 0.3440, 0.3365



Tritanopia

68.4156, 0.3188, 0.3110

Trichromacy



Original Color

68.5816, 0.3346, 0.3433

Protanomaly

68.4789, 0.3307, 0.3434

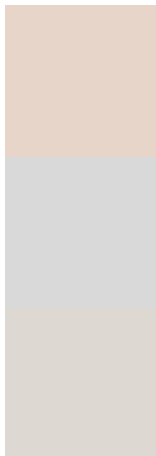
Deuteranomaly

68.4874, 0.3405, 0.3387

Tritanomaly

68.2587, 0.3243, 0.3215

Monochromacy



Original Color

68.5816, 0.3346, 0.3433

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3445, 0.3205, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5816, 0.3346, 0.3433 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(230, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 200)  
}
```

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(230, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 200) }
```

Border

The CSS property to change the border of an element to Yxy 68.5816, 0.3346, 0.3433 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(230, 213, 200) }
```

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

```
.border{ border-color:rgb(230, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5816, 0.3346, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 200) }
```

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

```
.background{ background-color: rgb(230,  
213, 200) }
```

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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