

Converting Colors

Yxy(68.8901, 0.3296, 0.3355)

Have a look what the booklet for
Yxy(68.8901, 0.3296, 0.3355)
contains.

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Color

Yxy(68.9165, 0.3296, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5CF
RGB	230, 213, 207
RGB Percent	90%, 84%, 81%
CMY	0.0981, 0.1647, 0.1883
CMYK	0.00, 0.07, 0.10, 0.10
HSL	16°, 32%, 86%
HSV	16°, 10%, 90%
XYZ	67.6844, 68.9165, 68.7522
YIQ	217.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

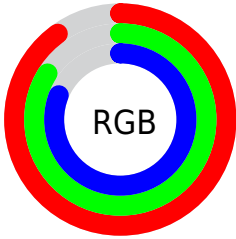
Format	Color
R _Y B	230, 215, 207
Decimal	15128015
CIE Lab	86.46, 4.85, 5.08
CIE LCh	86, 7.021, 46.319
Yxy	68.9165, 0.3296, 0.3356
Android (android.graphics.Color)	4293318095 (0xFFE6D5CF)
YUV	217.3990, -5.1267, 11.0511
Hunter-Lab	83.0160, 0.2563, 9.0083

Details

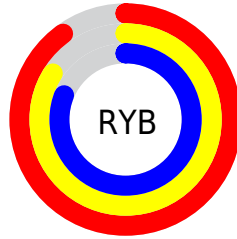
The Yxy color **68.9165, 0.3296, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2616, 0.2973, 0.3223**, and the grayscale version is **69.7056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7523, 0.3332, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **59.7805, 0.3498, 0.3426**, and if you desaturate by 10%, it is **79.1156, 0.3127, 0.3290**.

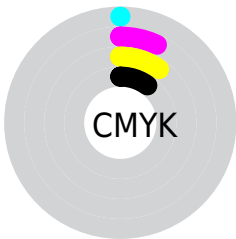
Distribution



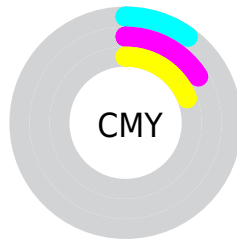
- Red (90%)
- Green (84%)
- Blue (81%)



- Red (90%)
- Yellow (84%)
- Blue (81%)



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





- Cyan (10%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9165, 0.3296, 0.3356 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 68.9165, 0.3296, 0.3356 by changing the saturation by 10% instead.


 68.9165, 0.3296,
0.3356

 68.9165, 0.3296,
0.3356

456.7364, 0.3217,
0.3326

 50.6437, 0.3314,
0.3363


117.6623, 0.3268,
0.3346

 35.9251, 0.3337,
0.3371


148.9041, 0.3258,
0.3341

 24.3764, 0.3367,
0.3382


185.2377, 0.3248,
0.3338

 15.6131, 0.3405,
0.3396

227.0475, 0.3240,
0.3335

 9.2508, 0.3459,
0.3415

274.7179, 0.3233,
0.3332

 4.9051, 0.3538,
0.3442

328.6332, 0.3227,

 2.1917, 0.3666,

0.3330

0.3483

389.1779, 0.3222,
0.3328

0.7155, 0.4120,
0.3692

0.0000, 0.0000,
0.0000

68.9165, 0.3296,
0.3356

68.9165, 0.3296,
0.3356

59.7805, 0.3498,
0.3426

79.1156, 0.3127,
0.3290

51.6641, 0.3739,
0.3499

90.4014, 0.2986,
0.3229

44.5340, 0.4023,
0.3572

95.5608, 0.2976,
0.3290

38.3518, 0.4351,
0.3638

■ 33.0764, 0.4718,
0.3689

■ 28.6636, 0.5108,
0.3715

■ 25.0653, 0.5489,
0.3704

■ 22.2278, 0.5821,
0.3649

■ 20.0846, 0.6073,
0.3560

Harmonies

Analogous

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



68.9165, 0.3264, 0.3281



68.9165, 0.3296, 0.3356



68.9165, 0.3282, 0.3414

Triad

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



68.9165, 0.3296, 0.3356



68.9165, 0.3059, 0.3372



68.9165, 0.3028, 0.3143

Complementary

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



68.9165, 0.3296, 0.3356



72.2616, 0.2973, 0.3223

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.



68.9165, 0.2974, 0.3165



68.9165, 0.3296, 0.3356



68.9165, 0.2992, 0.3297

Square

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



68.9165, 0.3296, 0.3356



68.9165, 0.3144, 0.3425



68.9165, 0.2961, 0.3221



68.9165, 0.3108, 0.3160

Rectangle

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



68.9165, 0.3296, 0.3356



68.9165, 0.3249, 0.3436



68.9165, 0.2961, 0.3221



68.9165, 0.3006, 0.3146

Sweetspot

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



68.9195, 0.3296, 0.3356



95.9686, 0.3175, 0.3309



66.8311, 0.3179, 0.3105



20.3151, 0.3188, 0.3315



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

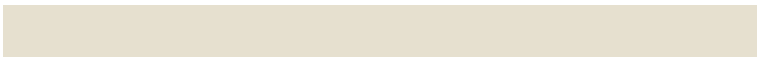
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9195, 0.3296, 0.3356



84.6156, 0.3335, 0.3370



74.7626, 0.3283, 0.3476



14.9794, 0.3286, 0.3352



11.5417, 0.6046, 0.3581



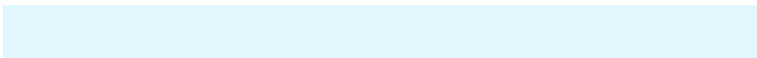
1.0013, 0.5759, 0.3809

Inverse Universe

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



72.2616, 0.2973, 0.3223



89.6384, 0.2941, 0.3208



66.4284, 0.2972, 0.3097



15.6632, 0.2981, 0.3227



19.6545, 0.2005, 0.2418



1.6015, 0.2045, 0.2561

Previews

White Background



This preview shows how the Yxy color 68.9165, 0.3296, 0.3356 looks on a white background.

Color Contrast Check

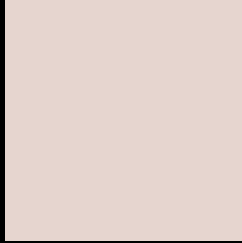
Large Text (above 18pt) WCAG AA × Fail

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 68.9165, 0.3296, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

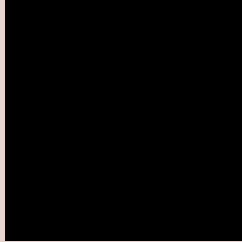
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

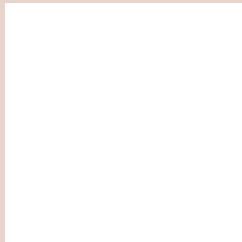
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9165, 0.3296, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 68.9165, 0.3296, 0.3356.

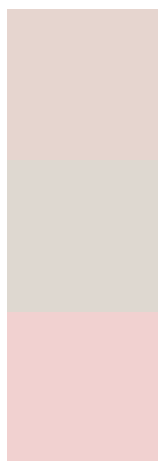


This preview shows how white text looks on a background with the Yxy color 68.9165, 0.3296, 0.3356.

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

68.9165, 0.3296, 0.3356

Protanopia

69.1954, 0.3226, 0.3379

Deuteranopia

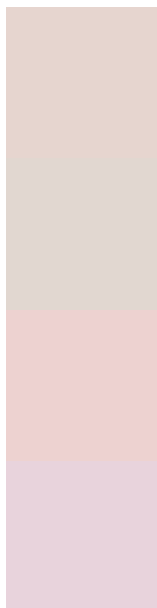
68.8558, 0.3378, 0.3301



Tritanopia

68.9629, 0.3180, 0.3110

Trichromacy



Original Color

68.9165, 0.3296, 0.3356

Protanomaly

69.1625, 0.3249, 0.3367

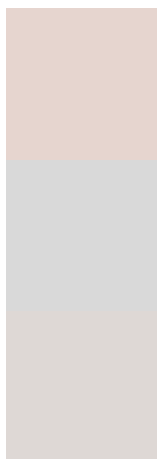
Deuteranomaly

68.6518, 0.3346, 0.3312

Tritanomaly

68.9116, 0.3221, 0.3194

Monochromacy



Original Color

68.9165, 0.3296, 0.3356

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4454, 0.3191, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9165, 0.3296, 0.3356 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 207) }
```

Border

The CSS property to change the border of an element to Yxy 68.9165, 0.3296, 0.3356 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, 207) }
```

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

```
.border{ border-color:rgb(230, 213, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9165, 0.3296, 0.3356 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, 207) }
```

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

```
.background{ background-color: rgb(230,  
213, 207) }
```

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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