

Converting Colors

Yxy(66.1177, 0.3331, 0.3358)

Have a look what the booklet for
Yxy(66.1177, 0.3331, 0.3358)
contains.

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Color

Yxy(66.0340, 0.3331, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	E5D0CA
RGB	229, 208, 202
RGB Percent	90%, 82%, 79%
CMY	0.1020, 0.1843, 0.2080
CMYK	0.00, 0.09, 0.12, 0.10
HSL	13°, 34%, 85%
HSV	13°, 12%, 90%
XYZ	65.5226, 66.0340, 65.1488
YIQ	213.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

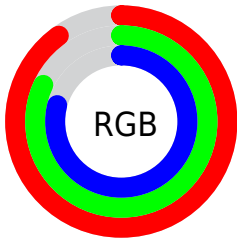
Format	Color
R _Y B	229, 210, 202
Decimal	15061194
CIE Lab	85.01, 6.29, 5.63
CIE LCh	85, 8.442, 41.840
Yxy	66.0340, 0.3331, 0.3357
Android (android.graphics.Color)	4293251274 (0xFFE5D0CA)
YUV	213.5950, -5.7163, 13.5102
Hunter-Lab	81.2613, 1.7207, 9.3489

Details

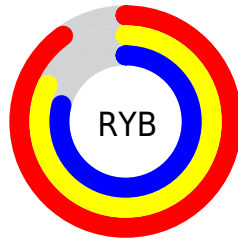
The Yxy color **66.0340, 0.3331, 0.3357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9508, 0.2945, 0.3222**, and the grayscale version is **66.9900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1336, 0.3377, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **56.8441, 0.3543, 0.3418**, and if you desaturate by 10%, it is **76.3620, 0.3155, 0.3300**.

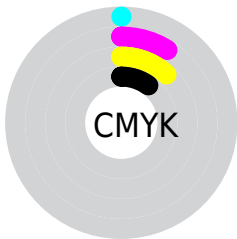
Distribution



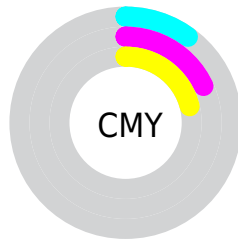
- Red (90%)
- Green (82%)
- Blue (79%)



- Red (90%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (10%)





- Cyan (10%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0340, 0.3331, 0.3357 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 66.0340, 0.3331, 0.3357 by changing the saturation by 10% instead.

 66.0340, 0.3331,
0.3357

 66.0340, 0.3331,
0.3357

446.4985, 0.3235,
0.3326

 48.3000, 0.3354,
0.3364


113.5351, 0.3297,
0.3346

 34.0645, 0.3382,
0.3373

144.0711, 0.3284,
0.3342

 22.9432, 0.3418,
0.3383


179.6431, 0.3273,
0.3339

 14.5516, 0.3466,
0.3397


220.6356, 0.3263,
0.3336

 8.5053, 0.3534,
0.3416

267.4330, 0.3255,
0.3333

 4.4199, 0.3634,
0.3443

320.4197, 0.3247,

 1.9111, 0.3800,

0.3330

0.3483

379.9800, 0.3241,
0.3328

0.5551, 0.4708,
0.3836

0.0000, 0.0000,
0.0000

66.0340, 0.3331,
0.3357

66.0340, 0.3331,
0.3357

56.8441, 0.3543,
0.3418

76.3620, 0.3155,
0.3300

48.7445, 0.3796,
0.3481

87.8563, 0.3010,
0.3247

41.6970, 0.4097,
0.3542

95.3955, 0.2970,
0.3290

35.6576, 0.4445,
0.3596

■ 30.5795, 0.4834,
0.3635

■ 26.4118, 0.5241,
0.3649

■ 23.0986, 0.5631,
0.3627

■ 20.5775, 0.5955,
0.3566

■ 19.0446, 0.6152,
0.3497

Harmonies

Analogous

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



66.0340, 0.3284, 0.3266



66.0340, 0.3331, 0.3357



66.0340, 0.3322, 0.3433

Triad

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



66.0340, 0.3331, 0.3357



66.0340, 0.3058, 0.3402



66.0340, 0.2994, 0.3112

Complementary

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



66.0340, 0.3331, 0.3357



70.9508, 0.2945, 0.3222

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.



66.0340, 0.2935, 0.3145



66.0340, 0.3331, 0.3357



66.0340, 0.2972, 0.3312

Square

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



66.0340, 0.3331, 0.3357



66.0340, 0.3164, 0.3461



66.0340, 0.2928, 0.3218



66.0340, 0.3088, 0.3126

Rectangle

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



66.0340, 0.3331, 0.3357



66.0340, 0.3286, 0.3464



66.0340, 0.2928, 0.3218



66.0340, 0.2969, 0.3118

Sweetspot

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



66.0369, 0.3331, 0.3357



94.4125, 0.3192, 0.3312



64.2163, 0.3183, 0.3061



19.9890, 0.3204, 0.3316



0.0000, 0.0000, 0.0000



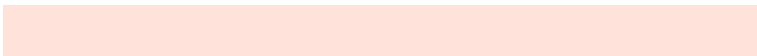
21.4041, 0.3127, 0.3290

Same Dimension

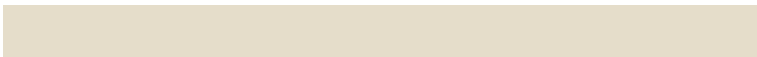
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0369, 0.3331, 0.3357



81.4870, 0.3376, 0.3371



72.8055, 0.3313, 0.3500



14.8885, 0.3287, 0.3343



11.0383, 0.6127, 0.3517



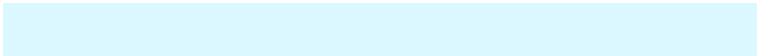
0.9528, 0.5847, 0.3739

Inverse Universe

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



70.9508, 0.2945, 0.3222



88.8546, 0.2911, 0.3208



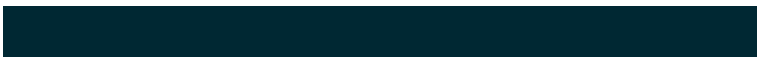
64.1155, 0.2942, 0.3070



15.7604, 0.2981, 0.3236



21.5704, 0.2043, 0.2554



1.7289, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 66.0340, 0.3331, 0.3357 looks on a white background.

Color Contrast Check

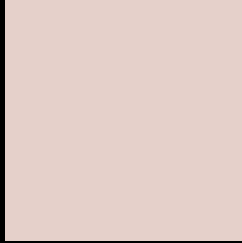
Large Text (above 18pt) WCAG AA × Fail

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 66.0340, 0.3331, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

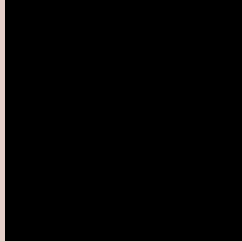
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

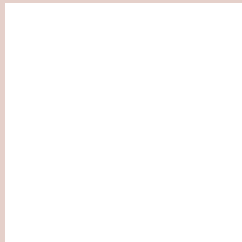
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0340, 0.3331, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 66.0340, 0.3331, 0.3357.

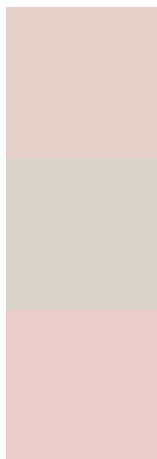


This preview shows how white text looks on a background with the Yxy color 66.0340, 0.3331, 0.3357.

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

66.0340, 0.3331, 0.3357

Protanopia

66.3520, 0.3227, 0.3380

Deuteranopia

65.9790, 0.3391, 0.3312



Tritanopia

66.0389, 0.3219, 0.3119

Trichromacy



Original Color

66.0340, 0.3331, 0.3357

Protanomaly

66.4299, 0.3266, 0.3380

Deuteranomaly

65.9468, 0.3365, 0.3323

Tritanomaly

65.9866, 0.3261, 0.3204

Monochromacy



Original Color

66.0340, 0.3331, 0.3357

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8002, 0.3193, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0340, 0.3331, 0.3357 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, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 202)  
}
```

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, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 66.0340, 0.3331, 0.3357 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, 208, 202) }
```

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

```
.border{ border-color:rgb(229, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 208, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 208, 202); box-shadow:4px 4px 4px 4px rgb(229, 208, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0340, 0.3331, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 202) }
```

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

```
.background{ background-color: rgb(229,  
208, 202) }
```

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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