

Converting Colors

Yxy(66.7648, 0.3372, 0.3411)

Have a look what the booklet for
Yxy(66.7648, 0.3372, 0.3411)
contains.

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Color

Yxy(66.6671, 0.3374, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E7D1C6
RGB	231, 209, 198
RGB Percent	91%, 82%, 78%
CMY	0.0942, 0.1803, 0.2234
CMYK	0.00, 0.10, 0.14, 0.09
HSL	20°, 41%, 84%
HSV	20°, 14%, 91%
XYZ	65.9439, 66.6671, 62.8363
YIQ	214.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

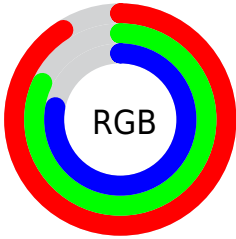
Format	Color
RYB	231, 215, 198
Decimal	15192518
CIELab	85.34, 5.85, 8.20
CIElCh	85, 10.074, 54.522
Yxy	66.6671, 0.3374, 0.3411
Android (android.graphics.Color)	4293382598 (0xFFE7D1C6)
YUV	214.3240, -8.0477, 14.6249
Hunter-Lab	81.6499, 1.2768, 11.5264

Details

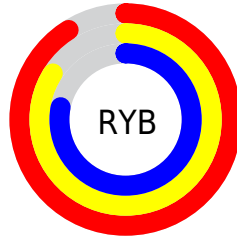
The Yxy color **66.6671, 0.3374, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9580, 0.2906, 0.3166**, and the grayscale version is **67.5223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5703, 0.3435, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **58.4898, 0.3585, 0.3502**, and if you desaturate by 10%, it is **75.7430, 0.3195, 0.3325**.

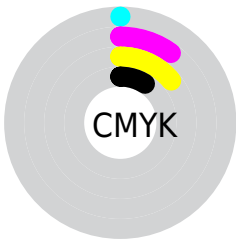
Distribution



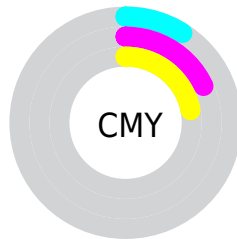
- Red (91%)
- Green (82%)
- Blue (78%)



- Red (91%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6671, 0.3374, 0.3411 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 66.6671, 0.3374, 0.3411 by changing the saturation by 10% instead.


 66.6671, 0.3374,
0.3411

 66.6671, 0.3374,
0.3411


448.7589, 0.3257,
0.3355

 48.8141, 0.3401,
0.3424

114.4433, 0.3333,
0.3392

 34.4721, 0.3435,
0.3439


145.1353, 0.3317,
0.3384

 23.2565, 0.3479,
0.3459


180.8757, 0.3304,
0.3378

 14.7830, 0.3537,
0.3485

222.0491, 0.3292,
0.3372

 8.6672, 0.3618,
0.3520

269.0396, 0.3282,
0.3367

 4.5248, 0.3738,
0.3569

322.2319, 0.3273,

 1.9712, 0.3934,

0.3363

0.3645

382.0102, 0.3265,
0.3359

0.5907, 0.5161,
0.4329

0.0000, 0.0000,
0.0000

66.6671, 0.3374,
0.3411

66.6671, 0.3374,
0.3411

58.4898, 0.3585,
0.3502

75.7430, 0.3195,
0.3325

51.1743, 0.3832,
0.3594

85.7353, 0.3043,
0.3245

44.6941, 0.4118,
0.3684

95.7240, 0.2981,
0.3290

39.0180, 0.4439,
0.3763

■ 34.1126, 0.4788,
0.3821

■ 29.9422, 0.5145,
0.3845

■ 26.4674, 0.5482,
0.3824

■ 23.6442, 0.5766,
0.3752

■ 22.2927, 0.5902,
0.3696

Harmonies

Analogous

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



66.6671, 0.3345, 0.3307



66.6671, 0.3374, 0.3411



66.6671, 0.3335, 0.3486

Triad

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



66.6671, 0.3374, 0.3411



66.6671, 0.2998, 0.3381



66.6671, 0.3012, 0.3079

Complementary

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



66.6671, 0.3374, 0.3411



68.9580, 0.2906, 0.3166

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.



66.6671, 0.2922, 0.3095



66.6671, 0.3374, 0.3411



66.6671, 0.2914, 0.3267

Square

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



66.6671, 0.3374, 0.3411



66.6671, 0.3117, 0.3471



66.6671, 0.2887, 0.3162



66.6671, 0.3134, 0.3118

Rectangle

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



66.6671, 0.3374, 0.3411



66.6671, 0.3277, 0.3508



66.6671, 0.2887, 0.3162



66.6671, 0.2977, 0.3078

Sweetspot

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



66.6701, 0.3374, 0.3411



95.0987, 0.3191, 0.3323



62.5532, 0.3224, 0.3053



20.1622, 0.3203, 0.3329



0.0000, 0.0000, 0.0000



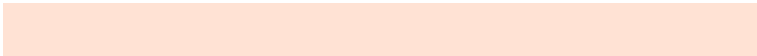
21.4041, 0.3127, 0.3290

Same Dimension

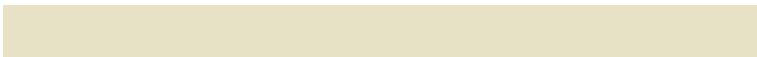
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6701, 0.3374, 0.3411



80.4447, 0.3430, 0.3436



75.1732, 0.3349, 0.3586



15.1491, 0.3284, 0.3369



12.7052, 0.5873, 0.3719



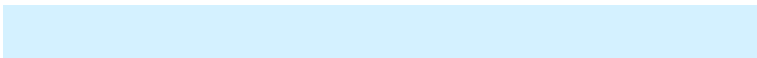
1.1048, 0.5589, 0.3944

Inverse Universe

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



68.9580, 0.2906, 0.3166



83.8077, 0.2862, 0.3139



60.7362, 0.2900, 0.2976



15.4842, 0.2981, 0.3210



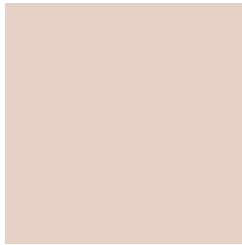
16.4250, 0.1935, 0.2164



1.3829, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 66.6671, 0.3374, 0.3411 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 66.6671, 0.3374, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

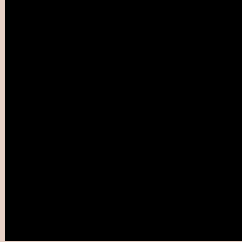
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6671, 0.3374, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 66.6671, 0.3374, 0.3411.

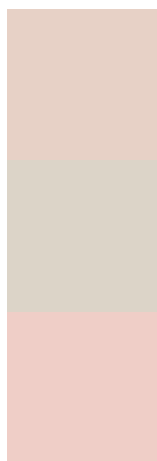


This preview shows how white text looks on a background with the Yxy color 66.6671, 0.3374, 0.3411.

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

66.6671, 0.3374, 0.3411

Protanopia

66.4727, 0.3271, 0.3425

Deuteranopia

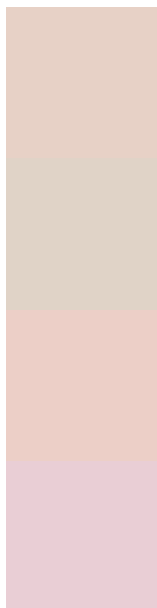
66.6169, 0.3435, 0.3366



Tritanopia

66.4290, 0.3227, 0.3109

Trichromacy



Original Color

66.6671, 0.3374, 0.3411

Protanomaly

66.5593, 0.3310, 0.3424

Deuteranomaly

66.5820, 0.3409, 0.3377

Tritanomaly

66.2703, 0.3284, 0.3215

Monochromacy



Original Color

66.6671, 0.3374, 0.3411

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8567, 0.3214, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6671, 0.3374, 0.3411 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(231, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 198)  
}
```

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(231, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 198) }
```

Border

The CSS property to change the border of an element to Yxy 66.6671, 0.3374, 0.3411 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(231, 209, 198) }
```

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

```
.border{ border-color:rgb(231, 209, 198) }
```

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

Here you see how a box with a 4 pixel rgb(231, 209, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 209,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6671, 0.3374, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 198) }
```

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

```
.background{ background-color: rgb(231,  
209, 198) }
```

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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