

Converting Colors

$Yxy(67.0583, 0.3314, 0.3384)$

Have a look what the booklet for
Yxy(67.0583, 0.3314, 0.3384)
contains.

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Color

Yxy(67.1837, 0.3311, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3CA
RGB	227, 211, 202
RGB Percent	89%, 83%, 79%
CMY	0.1100, 0.1724, 0.2079
CMYK	0.00, 0.07, 0.11, 0.11
HSL	22°, 31%, 84%
HSV	22°, 11%, 89%
XYZ	65.6181, 67.1837, 65.3802
YIQ	214.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

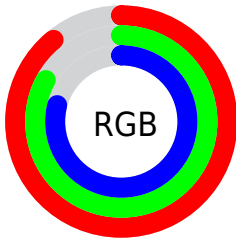
Format	Color
R _Y B	227, 216, 202
Decimal	14930890
CIE Lab	85.60, 3.99, 6.44
CIE LCh	86, 7.574, 58.197
Yxy	67.1837, 0.3311, 0.3390
Android (android.graphics.Color)	4293120970 (0xFFE3D3CA)
YUV	214.7580, -6.2897, 10.7362
Hunter-Lab	81.9657, -0.5408, 10.0831

Details

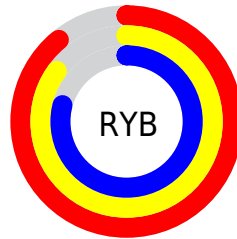
The Yxy color **67.1837, 0.3311, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1911, 0.2957, 0.3188**, and the grayscale version is **67.8166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0227, 0.3361, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **59.3170, 0.3509, 0.3487**, and if you desaturate by 10%, it is **75.8622, 0.3142, 0.3299**.

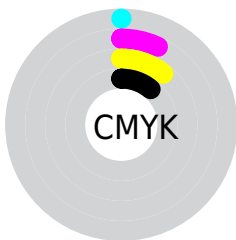
Distribution



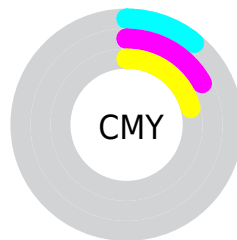
- Red (89%)
- Green (83%)
- Blue (79%)



- Red (89%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1837, 0.3311, 0.3390 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 67.1837, 0.3311, 0.3390 by changing the saturation by 10% instead.

67.1837, 0.3311,
0.3390

67.1837, 0.3311,
0.3390

450.5984, 0.3224,
0.3344

49.2339, 0.3331,
0.3401

115.1836, 0.3281,
0.3374

34.8051, 0.3356,
0.3414

146.0025, 0.3269,
0.3368

23.5128, 0.3389,
0.3430

181.8799, 0.3259,
0.3362

14.9726, 0.3432,
0.3452

223.2002, 0.3250,
0.3358

8.8001, 0.3491,
0.3482

270.3478, 0.3242,
0.3353

4.6111, 0.3580,
0.3525

323.7071, 0.3236,

2.0209, 0.3724,

0.3350

0.3593

383.6625, 0.3230,
0.3347

0.6196, 0.4484,
0.4048

0.0000, 0.0000,
0.0000

67.1837, 0.3311,
0.3390

67.1837, 0.3311,
0.3390

59.3170, 0.3509,
0.3487

75.8622, 0.3142,
0.3299

52.2292, 0.3740,
0.3587

85.3662, 0.2999,
0.3214

45.8982, 0.4006,
0.3686

94.7116, 0.2958,
0.3284

40.2975, 0.4306,
0.3776

95.0610, 0.2958,
0.3290

■ 35.3989, 0.4635,
0.3850

■ 31.1720, 0.4978,
0.3892

■ 27.5841, 0.5312,
0.3893

■ 24.5985, 0.5606,
0.3841

■ 22.3842, 0.5824,
0.3758

Harmonies

Analogous

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



67.1837, 0.3296, 0.3313



67.1837, 0.3311, 0.3390



67.1837, 0.3276, 0.3442

Triad

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



67.1837, 0.3311, 0.3390



67.1837, 0.3020, 0.3348



67.1837, 0.3051, 0.3133

Complementary

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



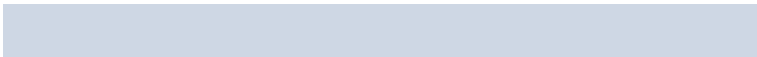
67.1837, 0.3311, 0.3390



68.1911, 0.2957, 0.3188

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.



67.1837, 0.2979, 0.3140



67.1837, 0.3311, 0.3390



67.1837, 0.2962, 0.3263

Square

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



67.1837, 0.3311, 0.3390



67.1837, 0.3108, 0.3419



67.1837, 0.2947, 0.3187



67.1837, 0.3144, 0.3167

Rectangle

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



67.1837, 0.3311, 0.3390



67.1837, 0.3230, 0.3454



67.1837, 0.2947, 0.3187



67.1837, 0.3024, 0.3130

Sweetspot

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



67.1867, 0.3311, 0.3390



96.4432, 0.3174, 0.3317



63.6309, 0.3203, 0.3113



20.4429, 0.3187, 0.3324



0.0000, 0.0000, 0.0000



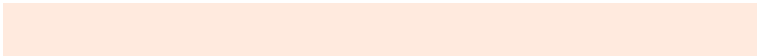
21.4041, 0.3127, 0.3290

Same Dimension

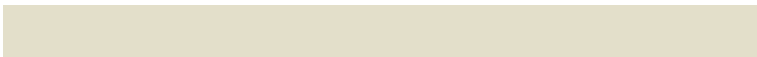
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.1867, 0.3311, 0.3390



85.2894, 0.3350, 0.3410



73.4655, 0.3295, 0.3521



14.5091, 0.3283, 0.3375



12.8599, 0.5795, 0.3781



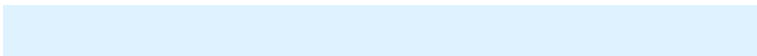
1.0574, 0.5501, 0.4014

Inverse Universe

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



68.1911, 0.2957, 0.3188



86.8236, 0.2925, 0.3167



62.1126, 0.2955, 0.3048



14.6938, 0.2981, 0.3203



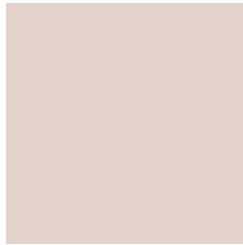
14.7711, 0.1906, 0.2063



1.1921, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 67.1837, 0.3311, 0.3390 looks on a white background.

Color Contrast Check

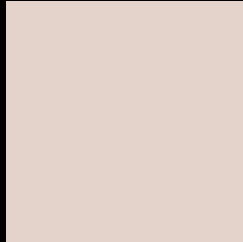
Large Text (above 18pt) WCAG AA × Fail

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 67.1837, 0.3311, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

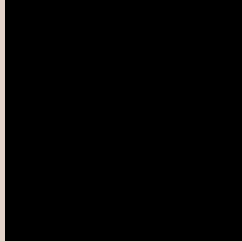
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1837, 0.3311, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 67.1837, 0.3311, 0.3390.

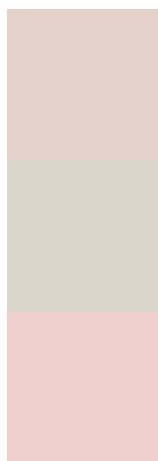


This preview shows how white text looks on a background with the Yxy color 67.1837, 0.3311, 0.3390.

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

67.1837, 0.3311, 0.3390

Protanopia

67.1159, 0.3249, 0.3402

Deuteranopia

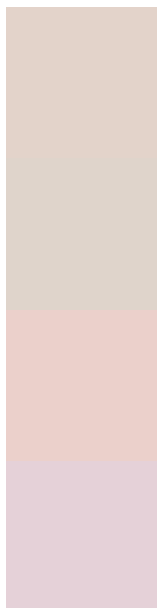
67.2882, 0.3403, 0.3334



Tritanopia

67.3166, 0.3180, 0.3119

Trichromacy



Original Color

67.1837, 0.3311, 0.3390

Protanomaly

67.0867, 0.3272, 0.3390

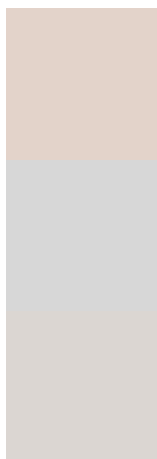
Deuteranomaly

67.0857, 0.3370, 0.3345

Tritanomaly

67.2168, 0.3228, 0.3214

Monochromacy



Original Color

67.1837, 0.3311, 0.3390

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8063, 0.3191, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1837, 0.3311, 0.3390 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(227, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 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(227, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 202) }
```

Border

The CSS property to change the border of an element to Yxy 67.1837, 0.3311, 0.3390 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(227, 211, 202) }
```

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

```
.border{ border-color:rgb(227, 211, 202) }
```

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

Here you see how a box with a 4 pixel rgb(227, 211, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1837, 0.3311, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 202) }
```

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

```
.background{ background-color: rgb(227,  
211, 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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