

Converting Colors

$Yxy(68.7396, 0.3274, 0.3401)$

Have a look what the booklet for
Yxy(68.7396, 0.3274, 0.3401)
contains.

Yxy(68.9681, 0.3277, 0.3411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.9681, 0.3277, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7CC
RGB	225, 215, 204
RGB Percent	88%, 84%, 80%
CMY	0.1176, 0.1569, 0.1999
CMYK	0.00, 0.04, 0.09, 0.12
HSL	31°, 26%, 84%
HSV	31°, 9%, 88%
XYZ	66.2587, 68.9681, 66.9664
YIQ	216.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

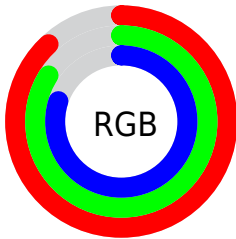
Format	Color
R _Y B	223, 225, 204
Decimal	14800844
CIE Lab	86.49, 1.58, 6.62
CIE LCh	86, 6.807, 76.564
Yxy	68.9681, 0.3277, 0.3411
Android (android.graphics.Color)	4292990924 (0xFFE1D7CC)
YUV	216.7360, -6.2788, 7.2475
Hunter-Lab	83.0470, -2.9169, 10.3234

Details

The Yxy color **68.9681, 0.3277, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4023, 0.2983, 0.3166**, and the grayscale version is **69.2415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8897, 0.3316, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **62.6725, 0.3459, 0.3548**, and if you desaturate by 10%, it is **75.7854, 0.3117, 0.3282**.

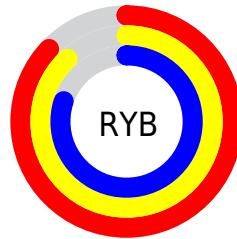
Distribution



Red (88%)

Green (84%)

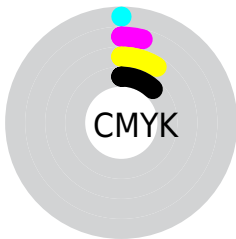
Blue (80%)



Red (87%)

Yellow (88%)

Blue (80%)

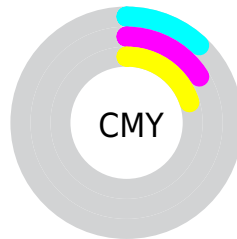


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9681, 0.3277, 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 68.9681, 0.3277, 0.3411 by changing the saturation by 10% instead.

■ 68.9681, 0.3277,
0.3411

■ 68.9681, 0.3277,
0.3411

456.9185, 0.3207,
0.3355

■ 50.6857, 0.3293,
0.3424

117.7360, 0.3252,
0.3391

■ 35.9586, 0.3313,
0.3440

148.9903, 0.3243,
0.3384

■ 24.4022, 0.3339,
0.3460

185.3375, 0.3235,
0.3377

■ 15.6322, 0.3373,
0.3487

227.1617, 0.3228,
0.3372

■ 9.2643, 0.3420,
0.3524

274.8476, 0.3222,
0.3367

■ 4.9140, 0.3490,
0.3578

328.7794, 0.3216,

■ 2.1969, 0.3601,

0.3362

389.3415, 0.3211,
0.3358

0.3663

0.7183, 0.4101,
0.4084

0.0000, 0.0000,
0.0000

68.9681, 0.3277,
0.3411

68.9681, 0.3277,
0.3411

62.6725, 0.3459,
0.3548

75.7854, 0.3117,
0.3282

56.8760, 0.3664,
0.3689

83.1284, 0.2977,
0.3161

51.5675, 0.3893,
0.3829

89.9008, 0.2945,
0.3211

46.7320, 0.4141,
0.3962

94.7511, 0.2946,
0.3289

■ 42.3535, 0.4404,
0.4077

■ 38.4148, 0.4671,
0.4161

■ 34.8971, 0.4927,
0.4203

■ 31.7793, 0.5155,
0.4193

■ 29.0321, 0.5347,
0.4131

Harmonies

Analogous

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



68.9681, 0.3291, 0.3355



68.9681, 0.3277, 0.3411



68.9681, 0.3223, 0.3436

Triad

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



68.9681, 0.3277, 0.3411



68.9681, 0.2996, 0.3296



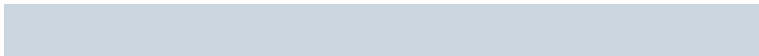
68.9681, 0.3110, 0.3164

Complementary

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



68.9681, 0.3277, 0.3411



66.4023, 0.2983, 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.



68.9681, 0.3031, 0.3148



68.9681, 0.3277, 0.3411



68.9681, 0.2966, 0.3222

Square

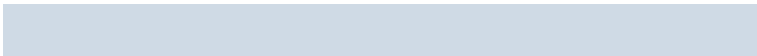
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9681, 0.3277, 0.3411



68.9681, 0.3060, 0.3369



68.9681, 0.2979, 0.3168



68.9681, 0.3193, 0.3213

Rectangle

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



68.9681, 0.3277, 0.3411



68.9681, 0.3171, 0.3430



68.9681, 0.2979, 0.3168



68.9681, 0.3082, 0.3155

Sweetspot

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



68.9711, 0.3277, 0.3411



97.2076, 0.3174, 0.3328



64.0766, 0.3215, 0.3179



20.6490, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



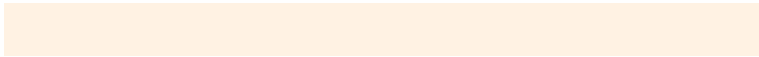
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9711, 0.3277, 0.3411



90.0704, 0.3307, 0.3434



74.1784, 0.3263, 0.3519



14.8792, 0.3279, 0.3413



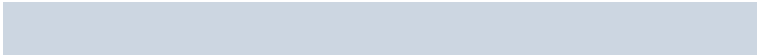
16.8618, 0.5337, 0.4145



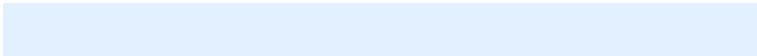
1.3478, 0.5113, 0.4322

Inverse Universe

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



66.4023, 0.2983, 0.3166



86.0685, 0.2955, 0.3141



61.5303, 0.2985, 0.3051



14.3180, 0.2981, 0.3164



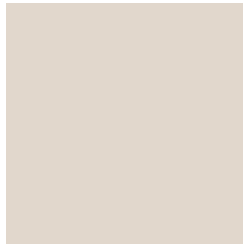
9.4805, 0.1753, 0.1510



0.8356, 0.1833, 0.1797

Previews

White Background



This preview shows how the Yxy color 68.9681, 0.3277, 0.3411 looks on a white background.

Color Contrast Check

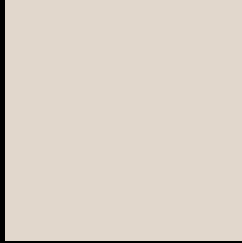
Large Text (above 18pt) WCAG AA × Fail

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 68.9681, 0.3277, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

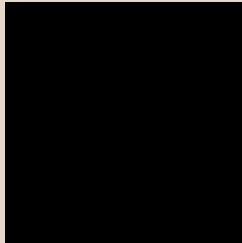
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

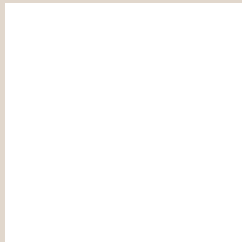
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9681, 0.3277, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 68.9681, 0.3277, 0.3411.

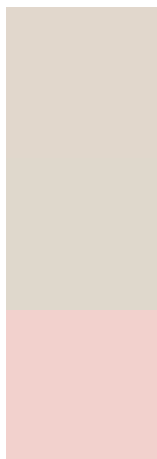


This preview shows how white text looks on a background with the Yxy color 68.9681, 0.3277, 0.3411.

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

68.9681, 0.3277, 0.3411

Protanopia

69.1593, 0.3261, 0.3423

Deuteranopia

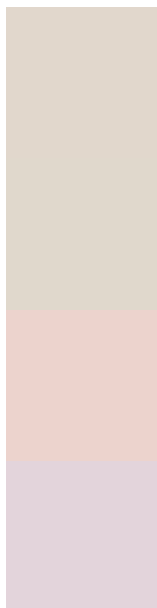
68.8860, 0.3408, 0.3333



Tritanopia

68.6839, 0.3136, 0.3108

Trichromacy



Original Color

68.9681, 0.3277, 0.3411

Protanomaly

69.3187, 0.3268, 0.3423

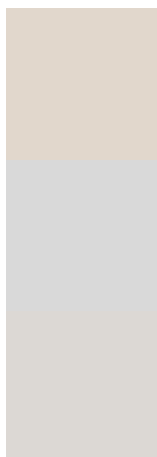
Deuteranomaly

68.8292, 0.3359, 0.3355

Tritanomaly

68.5323, 0.3190, 0.3214

Monochromacy



Original Color

68.9681, 0.3277, 0.3411

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0808, 0.3183, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9681, 0.3277, 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(225, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 204)  
}
```

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(225, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.9681, 0.3277, 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(225, 215, 204) }
```

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

```
.border{ border-color:rgb(225, 215, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9681, 0.3277, 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(225, 215, 204) }
```

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

```
.background{ background-color: rgb(225,  
215, 204) }
```

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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