

Converting Colors

Yxy(68.7544, 0.3383, 0.3465)

Have a look what the booklet for
Yxy(68.7544, 0.3383, 0.3465)
contains.

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Color

Yxy(68.7755, 0.3383, 0.3465)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8D5C5 |
| RGB | 232, 213, 197 |
| RGB Percent | 91%, 84%, 77% |
| CMY | 0.0903, 0.1647, 0.2274 |
| CMYK | 0.00, 0.08, 0.15, 0.09 |
| HSL | 27°, 43%, 84% |
| HSV | 27°, 15%, 91% |
| XYZ | 67.1479, 68.7755, 62.5629 |
| YIQ | 216.8570, 16.4600, -0.9480 |

Conversions

Conversions Part 2

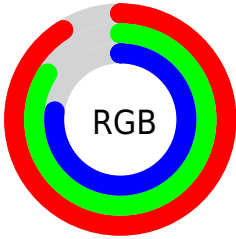
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 226, 197 |
| Decimal | 15259077 |
| CIE Lab | 86.39, 3.97, 10.27 |
| CIE LCh | 86, 11.008, 68.874 |
| Yxy | 68.7755, 0.3383, 0.3465 |
| Android (android.graphics.Color) | 4293449157 (0xFFE8D5C5) |
| YUV | 216.8570, -9.7895, 13.2804 |
| Hunter-Lab | 82.9310, -0.6006, 13.3235 |

Details

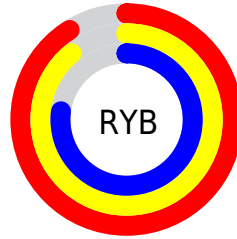
The Yxy color **68.7755, 0.3383, 0.3465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7999, 0.2892, 0.3108**, and the grayscale version is **69.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **35.6670, 0.3448, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **61.7076, 0.3585, 0.3588**, and if you desaturate by 10%, it is **76.5045, 0.3207, 0.3347**.

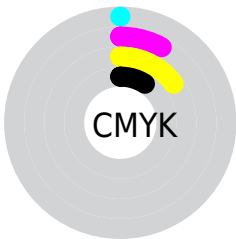
Distribution



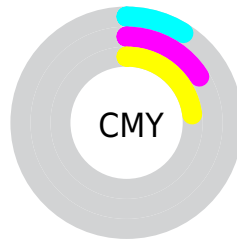
- Red (91%)
- Green (84%)
- Blue (77%)



- Red (91%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7755, 0.3383, 0.3465 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 68.7755, 0.3383, 0.3465 by changing the saturation by 10% instead.


 68.7755, 0.3383,
0.3465

 68.7755, 0.3383,
0.3465


456.2388, 0.3263,
0.3384

 50.5289, 0.3411,
0.3483


117.4609, 0.3341,
0.3437

 35.8338, 0.3446,
0.3506


148.6684, 0.3325,
0.3426

 24.3059, 0.3490,
0.3535


184.9651, 0.3311,
0.3417

 15.5607, 0.3548,
0.3573

226.7352, 0.3299,
0.3408

 9.2138, 0.3629,
0.3624

274.3633, 0.3288,
0.3401

 4.8809, 0.3747,
0.3697

328.2336, 0.3279,

 2.1776, 0.3937,

0.3395

388.7307, 0.3270,
0.3389

0.3808

0.7077, 0.5030,
0.4626

0.0000, 0.0000,
0.0000

68.7755, 0.3383,
0.3465

68.7755, 0.3383,
0.3465

61.7076, 0.3585,
0.3588

76.5045, 0.3207,
0.3347

55.2731, 0.3815,
0.3714

84.9032, 0.3055,
0.3237

49.4555, 0.4072,
0.3835

93.2215, 0.2987,
0.3248

44.2343, 0.4352,
0.3943

95.8934, 0.2987,
0.3290

■ 39.5872, 0.4648,
0.4028

■ 35.4905, 0.4943,
0.4075

■ 31.9178, 0.5218,
0.4072

■ 28.8395, 0.5452,
0.4014

■ 27.4890, 0.5554,
0.3972

Harmonies

Analogous

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



68.7755, 0.3387, 0.3364



68.7755, 0.3383, 0.3465



68.7755, 0.3309, 0.3522

Triad

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



68.7755, 0.3383, 0.3465



68.7755, 0.2937, 0.3331



68.7755, 0.3063, 0.3076

Complementary

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



68.7755, 0.3383, 0.3465



66.7999, 0.2892, 0.3108

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.



68.7755, 0.2946, 0.3064



68.7755, 0.3383, 0.3465



68.7755, 0.2874, 0.3207

Square

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



68.7755, 0.3383, 0.3465



68.7755, 0.3051, 0.3445



68.7755, 0.2877, 0.3110



68.7755, 0.3200, 0.3142

Rectangle

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



68.7755, 0.3383, 0.3465



68.7755, 0.3231, 0.3525



68.7755, 0.2877, 0.3110



68.7755, 0.3020, 0.3065

Sweetspot

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



68.7786, 0.3383, 0.3465



94.8718, 0.3206, 0.3347



62.0600, 0.3261, 0.3082



20.1558, 0.3218, 0.3355



0.0000, 0.0000, 0.0000



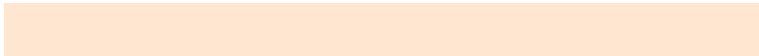
21.4041, 0.3127, 0.3290

Same Dimension

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



68.7786, 0.3383, 0.3465



82.5173, 0.3441, 0.3502



77.9105, 0.3356, 0.3646



15.4489, 0.3281, 0.3398



15.5082, 0.5527, 0.3993



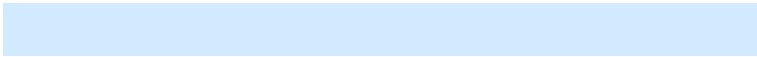
1.3299, 0.5284, 0.4187

Inverse Universe

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



66.7999, 0.2892, 0.3108



79.6360, 0.2844, 0.3069



58.4316, 0.2884, 0.2908



15.1762, 0.2981, 0.3180



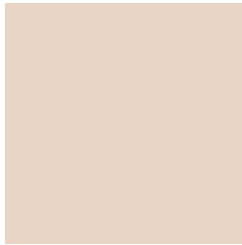
11.7537, 0.1813, 0.1726



1.0538, 0.1882, 0.1973

Previews

White Background



This preview shows how the Yxy color 68.7755, 0.3383, 0.3465 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 68.7755, 0.3383, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

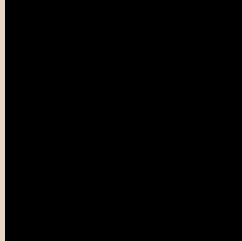
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

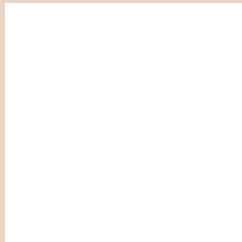
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7755, 0.3383, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 68.7755, 0.3383, 0.3465.



This preview shows how white text looks on a background with the Yxy color 68.7755, 0.3383, 0.3465.

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

68.7755, 0.3383, 0.3465

Protanopia

68.5254, 0.3312, 0.3479

Deuteranopia

68.9112, 0.3476, 0.3407



Tritanopia

68.8700, 0.3217, 0.3121

Trichromacy



Original Color

68.7755, 0.3383, 0.3465

Protanomaly

68.5012, 0.3336, 0.3467

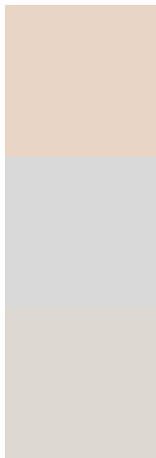
Deuteranomaly

68.6957, 0.3443, 0.3419

Tritanomaly

68.6617, 0.3280, 0.3237

Monochromacy



Original Color

68.7755, 0.3383, 0.3465

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2945, 0.3212, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7755, 0.3383, 0.3465 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(232, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 197)  
}
```

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(232, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 197) }
```

Border

The CSS property to change the border of an element to Yxy 68.7755, 0.3383, 0.3465 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(232, 213, 197) }
```

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

```
.border{ border-color:rgb(232, 213, 197) }
```

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

Here you see how a box with a 4 pixel rgb(232, 213, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7755, 0.3383, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 197) }
```

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

```
.background{ background-color: rgb(232,  
213, 197) }
```

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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