

Converting Colors

$Yxy(66.1639, 0.3402, 0.3407)$

Have a look what the booklet for
Yxy(66.1639, 0.3402, 0.3407)
contains.

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Color

Yxy(65.9805, 0.3401, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	E9CFC5
RGB	233, 207, 197
RGB Percent	91%, 81%, 77%
CMY	0.0862, 0.1882, 0.2274
CMYK	0.00, 0.11, 0.15, 0.09
HSL	17°, 45%, 84%
HSV	17°, 15%, 91%
XYZ	65.9999, 65.9805, 62.0799
YIQ	213.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

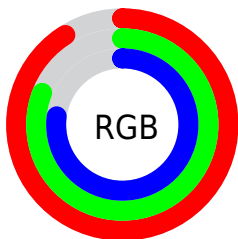
Format	Color
R _Y B	233, 211, 197
Decimal	15323077
CIE Lab	84.99, 7.48, 8.27
CIE LCh	85, 11.151, 47.894
Yxy	65.9805, 0.3401, 0.3400
Android (android.graphics.Color)	4293513157 (0xFFE9CFC5)
YUV	213.6340, -8.2006, 16.9840
Hunter-Lab	81.2284, 2.8856, 11.5467

Details

The Yxy color **65.9805, 0.3401, 0.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5423, 0.2889, 0.3177**, and the grayscale version is **67.0361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.1127, 0.3471, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **57.2696, 0.3622, 0.3476**, and if you desaturate by 10%, it is **75.7321, 0.3215, 0.3328**.

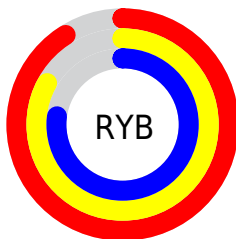
Distribution



Red (91%)

Green (81%)

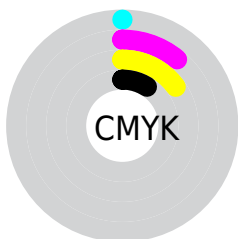
Blue (77%)



Red (91%)

Yellow (83%)

Blue (77%)

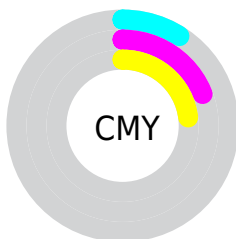


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (9%)



Cyan (9%)


Magenta (19%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9805, 0.3401, 0.3400 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 65.9805, 0.3401, 0.3400 by changing the saturation by 10% instead.


 65.9805, 0.3401,
0.3400

 65.9805, 0.3401,
0.3400


446.3071, 0.3271,
0.3350

 48.2566, 0.3431,
0.3411


113.4583, 0.3355,
0.3383

 34.0301, 0.3469,
0.3425


143.9811, 0.3338,
0.3376

 22.9167, 0.3518,
0.3443


179.5388, 0.3323,
0.3370

 14.5320, 0.3583,
0.3466

220.5160, 0.3310,
0.3365

 8.4916, 0.3674,
0.3496

267.2970, 0.3298,
0.3360

 4.4111, 0.3809,
0.3539

320.2663, 0.3288,

 1.9061, 0.4031,

0.3356

0.3602

379.8082, 0.3279,
0.3353

0.5520, 0.5517,
0.4306

0.0000, 0.0000,
0.0000

65.9805, 0.3401,
0.3400

65.9805, 0.3401,
0.3400

57.2696, 0.3622,
0.3476

75.7321, 0.3215,
0.3328

49.5560, 0.3884,
0.3554

86.5485, 0.3060,
0.3260

42.8057, 0.4188,
0.3628

96.0671, 0.2994,
0.3290

36.9799, 0.4534,
0.3691

■ 32.0368, 0.4910,
0.3733

■ 27.9312, 0.5293,
0.3742

■ 24.6133, 0.5647,
0.3708

■ 22.0272, 0.5933,
0.3629

■ 21.0709, 0.6040,
0.3586

Harmonies

Analogous

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



65.9805, 0.3353, 0.3281



65.9805, 0.3401, 0.3400



65.9805, 0.3374, 0.3493

Triad

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



65.9805, 0.3401, 0.3400



65.9805, 0.3010, 0.3417



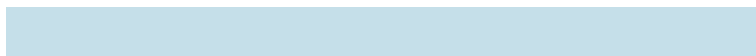
65.9805, 0.2973, 0.3055

Complementary

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



65.9805, 0.3401, 0.3400



70.5423, 0.2889, 0.3177

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.



65.9805, 0.2885, 0.3085



65.9805, 0.3401, 0.3400



65.9805, 0.2906, 0.3293

Square

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



65.9805, 0.3401, 0.3400



65.9805, 0.3146, 0.3507



65.9805, 0.2861, 0.3171



65.9805, 0.3103, 0.3086

Rectangle

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



65.9805, 0.3401, 0.3400



65.9805, 0.3317, 0.3527



65.9805, 0.2861, 0.3171



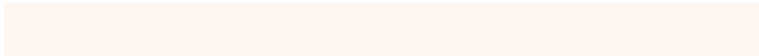
65.9805, 0.2937, 0.3058

Sweetspot

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



65.9834, 0.3401, 0.3400



93.4691, 0.3208, 0.3324



62.6102, 0.3215, 0.3007



19.8155, 0.3220, 0.3329



0.0000, 0.0000, 0.0000



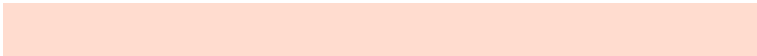
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9834, 0.3401, 0.3400



76.9284, 0.3477, 0.3427



75.0015, 0.3372, 0.3587



15.7346, 0.3286, 0.3356



12.1327, 0.6013, 0.3608



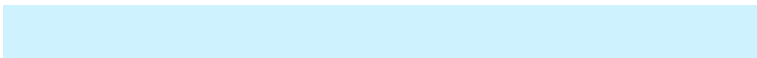
1.1097, 0.5741, 0.3824

Inverse Universe

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



70.5423, 0.2889, 0.3177



83.6585, 0.2833, 0.3148



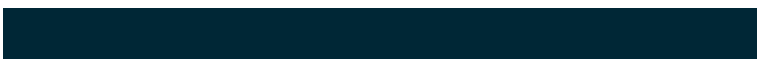
61.6117, 0.2881, 0.2975



16.3739, 0.2981, 0.3223



19.5162, 0.1990, 0.2363



1.6927, 0.2030, 0.2507

Previews

White Background



This preview shows how the Yxy color 65.9805, 0.3401, 0.3400 looks on a white background.

Color Contrast Check

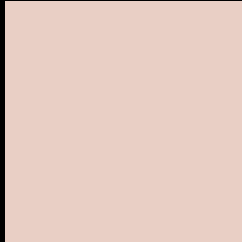
Large Text (above 18pt) WCAG AA × Fail

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 65.9805, 0.3401, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

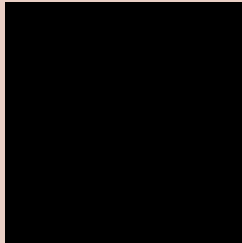
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9805, 0.3401, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 65.9805, 0.3401, 0.3400.

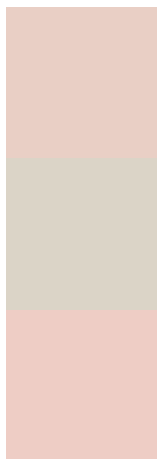


This preview shows how white text looks on a background with the Yxy color 65.9805, 0.3401, 0.3400.

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

65.9805, 0.3401, 0.3400

Protanopia

66.2706, 0.3270, 0.3437

Deuteranopia

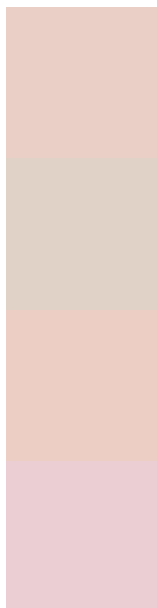
65.8710, 0.3444, 0.3377



Tritanopia

66.1859, 0.3258, 0.3120

Trichromacy



Original Color

65.9805, 0.3401, 0.3400

Protanomaly

66.0177, 0.3319, 0.3424

Deuteranomaly

66.0067, 0.3426, 0.3389

Tritanomaly

66.0783, 0.3308, 0.3215

Monochromacy



Original Color

65.9805, 0.3401, 0.3400

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5147, 0.3223, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9805, 0.3401, 0.3400 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(233, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(233, 207, 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(233, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 65.9805, 0.3401, 0.3400 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(233, 207, 197) }
```

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

```
.border{ border-color:rgb(233, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 207, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 207, 197); box-shadow:4px 4px 4px 4px rgb(233, 207, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9805, 0.3401, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 207, 197) }
```

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

```
.background{ background-color: rgb(233,  
207, 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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