

Converting Colors

$Yxy(66.1577, 0.3409, 0.3402)$

Have a look what the booklet for
Yxy(66.1577, 0.3409, 0.3402)
contains.

Yxy(66.1493, 0.3409, 0.3400)	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(66.1493, 0.3409, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	EACFC5
RGB	234, 207, 197
RGB Percent	92%, 81%, 77%
CMY	0.0823, 0.1882, 0.2275
CMYK	0.00, 0.12, 0.16, 0.08
HSL	16°, 47%, 85%
HSV	16°, 16%, 92%
XYZ	66.3244, 66.1493, 62.0831
YIQ	213.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

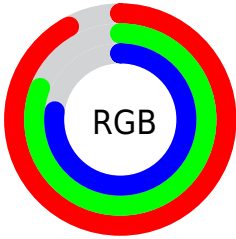
Format	Color
RYB	234, 211, 197
Decimal	15388613
CIELab	85.07, 7.83, 8.42
CIElCh	85, 11.497, 47.073
Yxy	66.1493, 0.3409, 0.3400
Android (android.graphics.Color)	4293578693 (0xFFEACFC5)
YUV	213.9330, -8.3480, 17.5988
Hunter-Lab	81.3322, 3.2309, 11.6749

Details

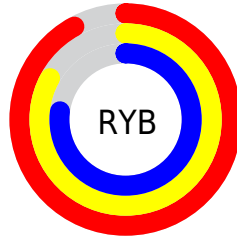
The Yxy color **66.1493, 0.3409, 0.3400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1174, 0.2883, 0.3177**, and the grayscale version is **67.2472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.2306, 0.3481, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **57.3327, 0.3632, 0.3475**, and if you desaturate by 10%, it is **76.0325, 0.3222, 0.3329**.

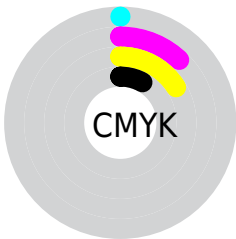
Distribution



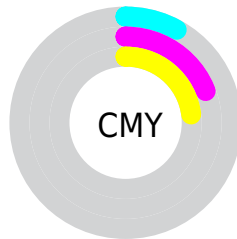
- Red (92%)
- Green (81%)
- Blue (77%)



- Red (92%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (8%)




- Cyan (8%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1493, 0.3409, 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 66.1493, 0.3409, 0.3400 by changing the saturation by 10% instead.


 66.1493, 0.3409,
0.3400

 66.1493, 0.3409,
0.3400

446.9106, 0.3276,
0.3350

 48.3936, 0.3440,
0.3411


113.7006, 0.3362,
0.3383

 34.1387, 0.3479,
0.3425


144.2650, 0.3344,
0.3376

 23.0002, 0.3530,
0.3443


179.8677, 0.3328,
0.3370

 14.5936, 0.3596,
0.3465

220.8932, 0.3315,
0.3365

 8.5347, 0.3689,
0.3495

267.7259, 0.3303,
0.3360

 4.4389, 0.3828,
0.3537

320.7501, 0.3293,

 1.9220, 0.4056,

0.3356

0.3598

380.3502, 0.3284,
0.3353

0.5616, 0.5536,
0.4289

0.0000, 0.0000,
0.0000

66.1493, 0.3409,
0.3400

66.1493, 0.3409,
0.3400

57.3327, 0.3632,
0.3475

76.0325, 0.3222,
0.3329

49.5379, 0.3897,
0.3550

87.0076, 0.3065,
0.3263

42.7298, 0.4205,
0.3622

96.2352, 0.2999,
0.3290

36.8679, 0.4555,
0.3683

■ 31.9088, 0.4935,
0.3722

■ 27.8056, 0.5320,
0.3729

■ 24.5065, 0.5675,
0.3693

■ 21.9533, 0.5958,
0.3612

■ 21.0863, 0.6056,
0.3574

Harmonies

Analogous

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



66.1493, 0.3357, 0.3278



66.1493, 0.3409, 0.3400



66.1493, 0.3383, 0.3497

Triad

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



66.1493, 0.3409, 0.3400



66.1493, 0.3010, 0.3424



66.1493, 0.2965, 0.3048

Complementary

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



66.1493, 0.3409, 0.3400



71.1174, 0.2883, 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.



66.1493, 0.2876, 0.3080



66.1493, 0.3409, 0.3400



66.1493, 0.2902, 0.3296

Square

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



66.1493, 0.3409, 0.3400



66.1493, 0.3151, 0.3515



66.1493, 0.2853, 0.3170



66.1493, 0.3098, 0.3078

Rectangle

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



66.1493, 0.3409, 0.3400



66.1493, 0.3326, 0.3534



66.1493, 0.2853, 0.3170



66.1493, 0.2929, 0.3052

Sweetspot

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



66.1523, 0.3409, 0.3400



93.4151, 0.3208, 0.3324



62.8082, 0.3218, 0.3000



19.8024, 0.3220, 0.3328



0.0000, 0.0000, 0.0000



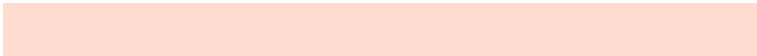
21.4041, 0.3127, 0.3290

Same Dimension

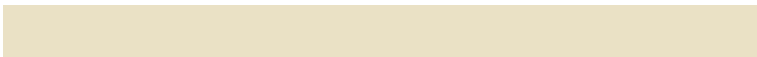
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1523, 0.3409, 0.3400



76.7514, 0.3478, 0.3424



75.5787, 0.3378, 0.3594



15.7172, 0.3286, 0.3354



12.0258, 0.6029, 0.3595



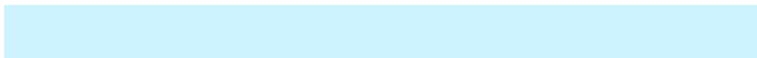
1.0993, 0.5757, 0.3810

Inverse Universe

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



71.1174, 0.2883, 0.3177



83.8592, 0.2833, 0.3152



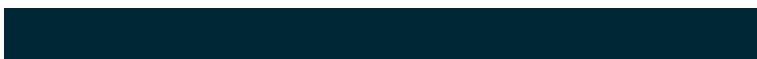
61.7700, 0.2874, 0.2966



16.3924, 0.2981, 0.3225



19.8565, 0.1997, 0.2388



1.7171, 0.2036, 0.2528

Previews

White Background



This preview shows how the Yxy color 66.1493, 0.3409, 0.3400 looks on a white background.

Color Contrast Check

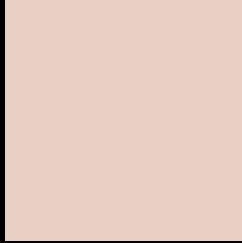
Large Text (above 18pt) WCAG AA × Fail

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 66.1493, 0.3409, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

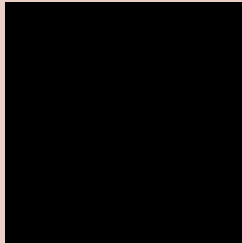
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1493, 0.3409, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 66.1493, 0.3409, 0.3400.

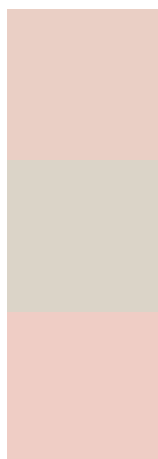


This preview shows how white text looks on a background with the Yxy color 66.1493, 0.3409, 0.3400.

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

66.1493, 0.3409, 0.3400

Protanopia

66.3172, 0.3263, 0.3425

Deuteranopia

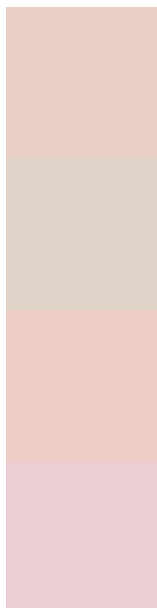
66.0446, 0.3452, 0.3377



Tritanopia

66.3576, 0.3265, 0.3120

Trichromacy



Original Color

66.1493, 0.3409, 0.3400

Protanomaly

66.0640, 0.3311, 0.3413

Deuteranomaly

66.1784, 0.3434, 0.3388

Tritanomaly

66.2490, 0.3315, 0.3215

Monochromacy



Original Color

66.1493, 0.3409, 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 66.1493, 0.3409, 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(234, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.1493, 0.3409, 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(234, 207, 197) }
```

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

```
.border{ border-color:rgb(234, 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(234, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1493, 0.3409, 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(234, 207, 197) }
```

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

```
.background{ background-color: rgb(234,  
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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