

Converting Colors

Yxy(66.4370, 0.3305, 0.3217)

Have a look what the booklet for
Yxy(66.4370, 0.3305, 0.3217)
contains.

Yxy(66.5582, 0.3306, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.5582, 0.3306, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	EBCED4
RGB	235, 206, 212
RGB Percent	92%, 81%, 83%
CMY	0.0786, 0.1921, 0.1686
CMYK	0.00, 0.12, 0.10, 0.08
HSL	348°, 42%, 86%
HSV	348°, 12%, 92%
XYZ	68.2087, 66.5582, 71.5511
YIQ	215.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

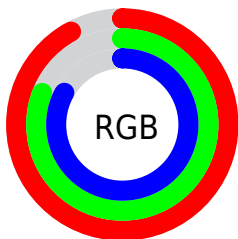
Format	Color
R _Y B	235, 206, 212
Decimal	15453908
CIE Lab	85.28, 11.10, 0.74
CIE LCh	85, 11.120, 3.824
Yxy	66.5582, 0.3306, 0.3226
Android (android.graphics.Color)	4293643988 (0xFFEBCED4)
YUV	215.3550, -1.6540, 17.2287
Hunter-Lab	81.5832, 6.4667, 5.1090

Details

The Yxy color **66.5582, 0.3306, 0.3226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1756, 0.2974, 0.3355**, and the grayscale version is **68.2118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4745, 0.3354, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **55.1934, 0.3490, 0.3171**, and if you desaturate by 10%, it is **79.7285, 0.3157, 0.3278**.

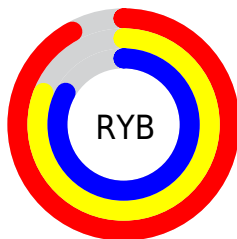
Distribution



Red (92%)

Green (81%)

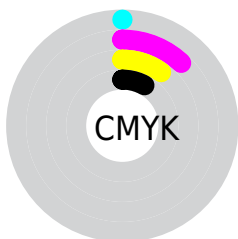
Blue (83%)



Red (92%)

Yellow (81%)

Blue (83%)

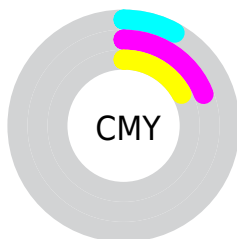


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (8%)



Cyan (8%)


Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5582, 0.3306, 0.3226 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 66.5582, 0.3306, 0.3226 by changing the saturation by 10% instead.


 66.5582, 0.3306,
0.3226

 66.5582, 0.3306,
0.3226


448.3706, 0.3222,
0.3256

 48.7257, 0.3326,
0.3219


114.2871, 0.3276,
0.3237

 34.4019, 0.3350,
0.3210


144.9523, 0.3265,
0.3241

 23.2025, 0.3381,
0.3199


180.6639, 0.3255,
0.3244

 14.7431, 0.3423,
0.3183

221.8061, 0.3247,
0.3247

 8.6393, 0.3481,
0.3162

268.7636, 0.3239,
0.3250

 4.5067, 0.3567,
0.3130

321.9205, 0.3233,

 1.9608, 0.3708,

0.3252

0.3077

381.6614, 0.3227,
0.3255

0.5846, 0.4141,
0.2929

0.0000, 0.0000,
0.0000

66.5582, 0.3306,
0.3226

66.5582, 0.3306,
0.3226

55.1934, 0.3490,
0.3171

79.7285, 0.3157,
0.3278

45.5467, 0.3717,
0.3114

94.7689, 0.3037,
0.3327

37.5368, 0.3993,
0.3059

96.3961, 0.3005,
0.3290

31.0724, 0.4322,
0.3011

■ 26.0531, 0.4701,
0.2979

■ 22.3665, 0.5111,
0.2973

■ 19.8836, 0.5518,
0.3000

■ 18.4494, 0.5873,
0.3064

■ 17.8755, 0.6087,
0.3127

Harmonies

Analogous

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



66.5582, 0.3178, 0.3125



66.5582, 0.3306, 0.3226



66.5582, 0.3386, 0.3345

Triad

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



66.5582, 0.3306, 0.3226



66.5582, 0.3211, 0.3527



66.5582, 0.2867, 0.3120

Complementary

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



66.5582, 0.3306, 0.3226



78.1756, 0.2974, 0.3355

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.



66.5582, 0.2875, 0.3226



66.5582, 0.3306, 0.3226



66.5582, 0.3072, 0.3465

Square

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



66.5582, 0.3306, 0.3226



66.5582, 0.3330, 0.3521



66.5582, 0.2950, 0.3353



66.5582, 0.2926, 0.3063

Rectangle

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



66.5582, 0.3306, 0.3226



66.5582, 0.3400, 0.3421



66.5582, 0.2950, 0.3353



66.5582, 0.2862, 0.3151

Sweetspot

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



66.5611, 0.3306, 0.3226



93.1540, 0.3180, 0.3270



66.7542, 0.3095, 0.2982



19.6719, 0.3191, 0.3266



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.



66.5611, 0.3306, 0.3226



76.1758, 0.3353, 0.3211



70.3170, 0.3339, 0.3379



15.1051, 0.3260, 0.3241



9.9668, 0.6052, 0.3108



0.7963, 0.5675, 0.2900

Inverse Universe

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



66.5611, 0.3306, 0.3226



76.1758, 0.3353, 0.3211



73.9287, 0.2937, 0.3200



15.1051, 0.3260, 0.3241



9.9668, 0.6052, 0.3108



0.7963, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 66.5582, 0.3306, 0.3226 looks on a white background.

Color Contrast Check

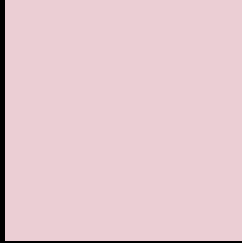
Large Text (above 18pt) WCAG AA × Fail

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 66.5582, 0.3306, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

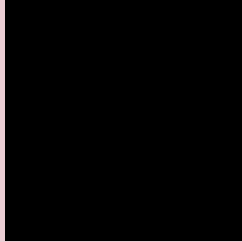
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5582, 0.3306, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 66.5582, 0.3306, 0.3226.

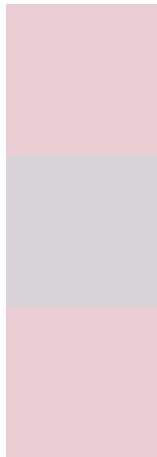


This preview shows how white text looks on a background with the Yxy color 66.5582, 0.3306, 0.3226.

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

66.5582, 0.3306, 0.3226

Protanopia

66.6438, 0.3129, 0.3245

Deuteranopia

66.3885, 0.3299, 0.3226



Tritanopia

66.7160, 0.3249, 0.3120

Trichromacy



Original Color

66.5582, 0.3306, 0.3226

Protanomaly

66.6875, 0.3189, 0.3235

Deuteranomaly

66.3885, 0.3299, 0.3226

Tritanomaly

66.5575, 0.3271, 0.3152

Monochromacy



Original Color

66.5582, 0.3306, 0.3226

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4716, 0.3187, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5582, 0.3306, 0.3226 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(235, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 212)  
}
```

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(235, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.5582, 0.3306, 0.3226 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(235, 206, 212) }
```

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

```
.border{ border-color:rgb(235, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5582, 0.3306, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 212) }
```

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

```
.background{ background-color: rgb(235,  
206, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor