

Converting Colors

$Yxy(67.0241, 0.3373, 0.3287)$

Have a look what the booklet for
Yxy(67.0241, 0.3373, 0.3287)
contains.

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Color

Yxy(66.8248, 0.3367, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EECECF
RGB	238, 206, 207
RGB Percent	93%, 81%, 81%
CMY	0.0666, 0.1922, 0.1882
CMYK	0.00, 0.13, 0.13, 0.07
HSL	358°, 49%, 87%
HSV	358°, 13%, 93%
XYZ	68.5973, 66.8248, 68.3121
YIQ	215.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

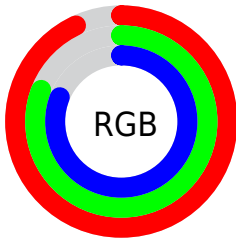
Format	Color
R_{YB}	238, 206, 207
Decimal	15650511
CIE _{Lab}	85.42, 11.36, 3.64
CIE _{LCh}	85, 11.930, 17.759
Yxy	66.8248, 0.3367, 0.3280
Android (android.graphics.Color)	4293840591 (0xFFEECECF)
YUV	215.6820, -4.2802, 19.5729
Hunter-Lab	81.7464, 6.7315, 7.6763

Details

The Yxy color **66.8248, 0.3367, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3963, 0.2928, 0.3300**, and the grayscale version is **68.4646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7015, 0.3425, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **55.1755, 0.3599, 0.3272**, and if you desaturate by 10%, it is **80.3801, 0.3182, 0.3288**.

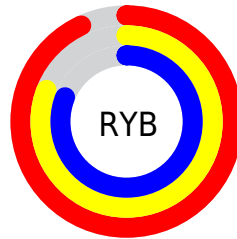
Distribution



Red (93%)

Green (81%)

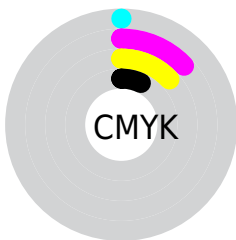
Blue (81%)



Red (93%)

Yellow (81%)

Blue (81%)

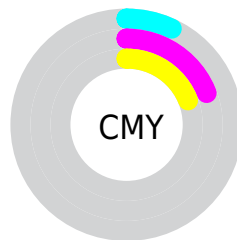


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8248, 0.3367, 0.3280 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 66.8248, 0.3367, 0.3280 by changing the saturation by 10% instead.


 66.8248, 0.3367,
0.3280

 66.8248, 0.3367,
0.3280

449.3209, 0.3254,
0.3286

 48.9423, 0.3393,
0.3278


114.6693, 0.3327,
0.3282

 34.5737, 0.3426,
0.3276

145.4001, 0.3312,
0.3283

 23.3347, 0.3469,
0.3274


181.1824, 0.3299,
0.3284

 14.8408, 0.3525,
0.3270

222.4007, 0.3287,
0.3284

 8.7077, 0.3604,
0.3263

269.4393, 0.3277,
0.3285

 4.5510, 0.3720,
0.3253

322.6826, 0.3269,

 1.9863, 0.3912,

0.3285

382.5150, 0.3261,
0.3285

0.3232

0.5995, 0.4592,
0.3249

0.0000, 0.0000,
0.0000

66.8248, 0.3367,
0.3280

66.8248, 0.3367,
0.3280

55.1755, 0.3599,
0.3272

80.3801, 0.3182,
0.3288

45.3383, 0.3887,
0.3264

95.9119, 0.3034,
0.3295

37.2250, 0.4239,
0.3257

96.9200, 0.3023,
0.3290

30.7362, 0.4657,
0.3252

■ 25.7626, 0.5122,
0.3251

■ 22.1813, 0.5594,
0.3255

■ 19.8507, 0.6003,
0.3266

■ 18.5984, 0.6279,
0.3281

■ 18.1963, 0.6377,
0.3287

Harmonies

Analogous

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



66.8248, 0.3249, 0.3159



66.8248, 0.3367, 0.3280



66.8248, 0.3419, 0.3406

Triad

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



66.8248, 0.3367, 0.3280



66.8248, 0.3148, 0.3521



66.8248, 0.2869, 0.3072

Complementary

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



66.8248, 0.3367, 0.3280



80.3963, 0.2928, 0.3300

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.



66.8248, 0.2844, 0.3163



66.8248, 0.3367, 0.3280



66.8248, 0.3003, 0.3426

Square

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



66.8248, 0.3367, 0.3280



66.8248, 0.3290, 0.3550



66.8248, 0.2892, 0.3293



66.8248, 0.2962, 0.3040

Rectangle

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



66.8248, 0.3367, 0.3280



66.8248, 0.3409, 0.3478



66.8248, 0.2892, 0.3293



66.8248, 0.2853, 0.3096

Sweetspot

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



66.8278, 0.3367, 0.3280



93.0436, 0.3191, 0.3287



68.3127, 0.3135, 0.2957



19.6441, 0.3204, 0.3287



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.



66.8278, 0.3367, 0.3280



74.3850, 0.3423, 0.3278



74.3183, 0.3353, 0.3449



15.7668, 0.3288, 0.3283



10.1535, 0.6368, 0.3281



0.8475, 0.6281, 0.3234

Inverse Universe

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



66.8278, 0.3367, 0.3280



74.3850, 0.3423, 0.3278



72.1118, 0.2917, 0.3126



15.7668, 0.3288, 0.3283



10.1535, 0.6368, 0.3281



0.8475, 0.6281, 0.3234

Previews

White Background



This preview shows how the Yxy color 66.8248, 0.3367, 0.3280 looks on a white background.

Color Contrast Check

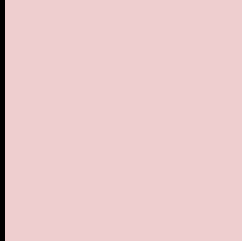
Large Text (above 18pt) WCAG AA × Fail

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 66.8248, 0.3367, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

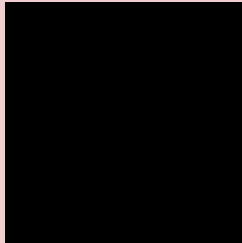
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8248, 0.3367, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 66.8248, 0.3367, 0.3280.



This preview shows how white text looks on a background with the Yxy color 66.8248, 0.3367, 0.3280.

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

66.8248, 0.3367, 0.3280

Protanopia

67.1971, 0.3178, 0.3312

Deuteranopia

67.1352, 0.3358, 0.3291



Tritanopia

66.8783, 0.3288, 0.3122

Trichromacy



Original Color

66.8248, 0.3367, 0.3280

Protanomaly

66.7539, 0.3240, 0.3290

Deuteranomaly

67.1352, 0.3358, 0.3291

Tritanomaly

66.9197, 0.3316, 0.3184

Monochromacy



Original Color

66.8248, 0.3367, 0.3280

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.7384, 0.3209, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8248, 0.3367, 0.3280 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(238, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 207)  
}
```

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(238, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.8248, 0.3367, 0.3280 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(238, 206, 207) }
```

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

```
.border{ border-color:rgb(238, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(238, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8248, 0.3367, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 207) }
```

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

```
.background{ background-color: rgb(238,  
206, 207) }
```

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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