

Converting Colors

Yxy(66.4110, 0.3511, 0.3253)

Have a look what the booklet for
Yxy(66.4110, 0.3511, 0.3253)
contains.

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Color

Yxy(66.3636, 0.3511, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FCC8CC
RGB	252, 200, 204
RGB Percent	99%, 78%, 80%
CMY	0.0118, 0.2156, 0.2001
CMYK	0.00, 0.21, 0.19, 0.01
HSL	355°, 90%, 89%
HSV	355°, 21%, 99%
XYZ	71.6931, 66.3636, 66.1390
YIQ	216.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

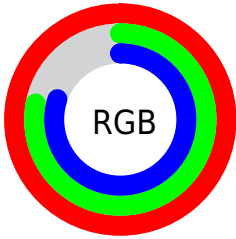
Format	Color
R _Y B	252, 200, 204
Decimal	16566476
CIE Lab	85.18, 19.02, 5.07
CIE LCh	85, 19.682, 14.930
Yxy	66.3636, 0.3511, 0.3250
Android (android.graphics.Color)	4294756556 (0xFFFC8CC)
YUV	216.0040, -5.9180, 31.5685
Hunter-Lab	81.4639, 14.5290, 8.8883

Details

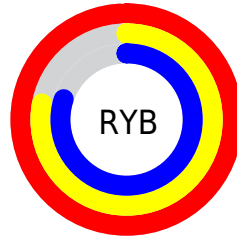
The Yxy color **66.3636, 0.3511, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6763, 0.2839, 0.3331**, and the grayscale version is **68.6986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3619, 0.3608, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **54.6049, 0.3770, 0.3230**, and if you desaturate by 10%, it is **80.2189, 0.3303, 0.3270**.

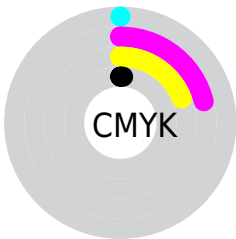
Distribution



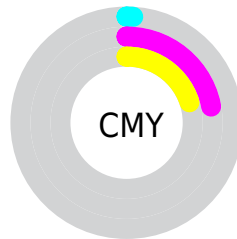
- Red (99%)
- Green (78%)
- Blue (80%)



- Red (99%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3636, 0.3511, 0.3250 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 66.3636, 0.3511, 0.3250 by changing the saturation by 10% instead.

 66.3636, 0.3511,
0.3250

 66.3636, 0.3511,
0.3250


447.6761, 0.3329,
0.3271

 48.5676, 0.3554,
0.3245


114.0080, 0.3447,
0.3258

 34.2766, 0.3607,
0.3238


144.6253, 0.3423,
0.3261

 23.1062, 0.3675,
0.3228


180.2851, 0.3401,
0.3263

 14.6719, 0.3766,
0.3215

221.3718, 0.3383,
0.3265

 8.5895, 0.3892,
0.3195

268.2699, 0.3367,
0.3267

 4.4744, 0.4080,
0.3163


321.3637, 0.3353,

 1.9423, 0.4387,


0.3268


0.3103


381.0377, 0.3340,
0.3270


 0.5736, 0.5475,
0.3077


 0.0000, 0.0000,
0.0000


 66.3636, 0.3511,
0.3250


 66.3636, 0.3511,
0.3250


 54.6049, 0.3770,
0.3230


 80.2189, 0.3303,
0.3270

 44.8321, 0.4089,
0.3210

 96.2564, 0.3136,
0.3289

 36.9384, 0.4471,
0.3194

 99.4340, 0.3109,
0.3290

 30.8030, 0.4909,
0.3185

■ 26.2913, 0.5374,
0.3187

■ 23.2489, 0.5810,
0.3203

■ 21.4918, 0.6149,
0.3234

■ 20.7417, 0.6339,
0.3266

Harmonies

Analogous

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



66.3636, 0.3306, 0.3060



66.3636, 0.3511, 0.3250



66.3636, 0.3610, 0.3456

Triad

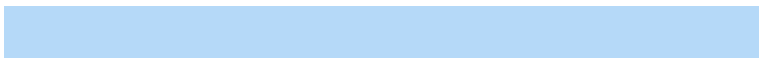
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3636, 0.3511, 0.3250



66.3636, 0.3182, 0.3689



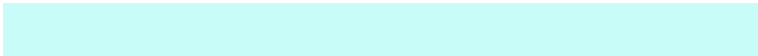
66.3636, 0.2696, 0.2939

Complementary

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



66.3636, 0.3511, 0.3250



88.6763, 0.2839, 0.3331

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.



66.3636, 0.2667, 0.3093



66.3636, 0.3511, 0.3250



66.3636, 0.2941, 0.3537

Square

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



66.3636, 0.3511, 0.3250



66.3636, 0.3414, 0.3720



66.3636, 0.2755, 0.3313



66.3636, 0.2836, 0.2883

Rectangle

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



66.3636, 0.3511, 0.3250



66.3636, 0.3601, 0.3579



66.3636, 0.2755, 0.3313



66.3636, 0.2674, 0.2981

Sweetspot

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



66.3666, 0.3511, 0.3250



89.7465, 0.3221, 0.3279



68.2366, 0.3119, 0.2771



18.9813, 0.3232, 0.3278



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.



66.3666, 0.3511, 0.3250



62.6211, 0.3618, 0.3241



76.9325, 0.3498, 0.3513



17.2467, 0.3282, 0.3272



10.8132, 0.6320, 0.3255



1.0087, 0.6140, 0.3156

Inverse Universe

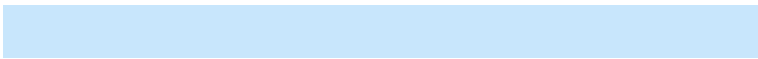
The Inverse Universe completely reimagines the original color for something new.



66.3666, 0.3511, 0.3250



62.6211, 0.3618, 0.3241



76.0886, 0.2803, 0.3056



17.2467, 0.3282, 0.3272



10.8132, 0.6320, 0.3255



1.0087, 0.6140, 0.3156

Previews

White Background



This preview shows how the Yxy color 66.3636, 0.3511, 0.3250 looks on a white background.

Color Contrast Check

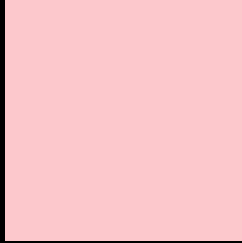
Large Text (above 18pt) WCAG AA × Fail

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 66.3636, 0.3511, 0.3250 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 66.3636, 0.3511, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 66.3636, 0.3511, 0.3250.



This preview shows how white text looks on a background with the Yxy color 66.3636, 0.3511, 0.3250.

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

66.3636, 0.3511, 0.3250

Protanopia

66.5418, 0.3171, 0.3301

Deuteranopia

66.4589, 0.3389, 0.3323



Tritanopia

66.1259, 0.3444, 0.3126

Trichromacy



Original Color

66.3636, 0.3511, 0.3250

Protanomaly

66.4888, 0.3295, 0.3291

Deuteranomaly

66.3748, 0.3432, 0.3302

Tritanomaly

66.3826, 0.3474, 0.3178

Monochromacy



Original Color

66.3636, 0.3511, 0.3250

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5047, 0.3256, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3636, 0.3511, 0.3250 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(252, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 200, 204)  
}
```

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(252, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 200, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.3636, 0.3511, 0.3250 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(252, 200, 204) }
```

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

```
.border{ border-color:rgb(252, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 200,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3636, 0.3511, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 200, 204) }
```

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

```
.background{ background-color: rgb(252,  
200, 204) }
```

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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