

Converting Colors

$Yxy(63.8908, 0.3510, 0.3315)$

Have a look what the booklet for
Yxy(63.8908, 0.3510, 0.3315)
contains.

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Color

Yxy(64.0655, 0.3511, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	F4C7C4
RGB	244, 199, 196
RGB Percent	96%, 78%, 77%
CMY	0.0433, 0.2195, 0.2313
CMYK	0.00, 0.18, 0.20, 0.04
HSL	4°, 68%, 86%
HSV	4°, 20%, 96%
XYZ	67.6900, 64.0655, 61.0386
YIQ	212.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

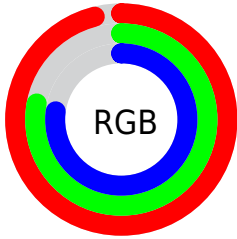
Format	Color
R _Y B	244, 199, 196
Decimal	16041924
CIE Lab	84.00, 15.48, 7.50
CIE LCh	84, 17.200, 25.867
Yxy	64.0655, 0.3511, 0.3323
Android (android.graphics.Color)	4294232004 (0xFFFF4C7C4)
YUV	212.1130, -7.9437, 27.9649
Hunter-Lab	80.0409, 10.8845, 10.8145

Details

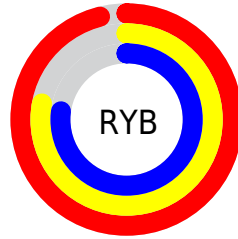
The Yxy color **64.0655, 0.3511, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1698, 0.2831, 0.3257**, and the grayscale version is **65.9586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.7686, 0.3611, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **53.2971, 0.3778, 0.3341**, and if you desaturate by 10%, it is **76.6029, 0.3295, 0.3306**.

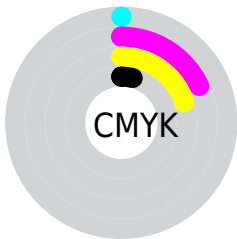
Distribution



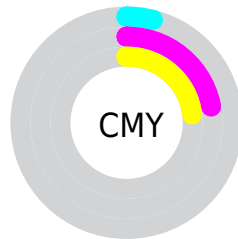
- Red (96%)
- Green (78%)
- Blue (77%)



- Red (96%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0655, 0.3511, 0.3323 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 64.0655, 0.3511, 0.3323 by changing the saturation by 10% instead.


 64.0655, 0.3511,
0.3323

 64.0655, 0.3511,
0.3323

439.4261, 0.3328,
0.3310

 46.7037, 0.3554,
0.3325


110.7053, 0.3446,
0.3319

 32.8015, 0.3608,
0.3328

140.7520, 0.3422,
0.3317

 21.9744, 0.3678,
0.3331


175.7959, 0.3400,
0.3316

 13.8381, 0.3772,
0.3333

216.2214, 0.3382,
0.3314

 8.0082, 0.3903,
0.3335

262.4127, 0.3366,
0.3313

 4.1002, 0.4099,
0.3332

314.7543, 0.3352,

 1.7298, 0.4426,

0.3312

0.3317

373.6307, 0.3339,
0.3311

0.4428, 0.6433,
0.3567

0.0000, 0.0000,
0.0000

64.0655, 0.3511,
0.3323

64.0655, 0.3511,
0.3323

53.2971, 0.3778,
0.3341

76.6029, 0.3295,
0.3306

44.2099, 0.4104,
0.3359

90.9745, 0.3122,
0.3289

36.7215, 0.4494,
0.3375

97.9677, 0.3059,
0.3290

30.7395, 0.4937,
0.3385

■ 26.1618, 0.5405,
0.3387

■ 22.8736, 0.5841,
0.3376

■ 20.7420, 0.6174,
0.3353

■ 19.6002, 0.6363,
0.3327

■ 19.5751, 0.6367,
0.3326

Harmonies

Analogous

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



64.0655, 0.3359, 0.3144



64.0655, 0.3511, 0.3323



64.0655, 0.3556, 0.3501

Triad

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



64.0655, 0.3511, 0.3323



64.0655, 0.3096, 0.3603



64.0655, 0.2780, 0.2950

Complementary

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



64.0655, 0.3511, 0.3323



81.1698, 0.2831, 0.3257

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.



64.0655, 0.2716, 0.3059



64.0655, 0.3511, 0.3323



64.0655, 0.2895, 0.3440

Square

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



64.0655, 0.3511, 0.3323



64.0655, 0.3312, 0.3673



64.0655, 0.2757, 0.3237



64.0655, 0.2935, 0.2932

Rectangle

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



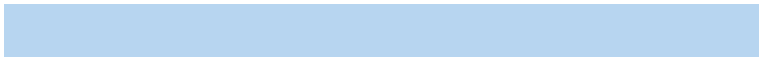
64.0655, 0.3511, 0.3323



64.0655, 0.3519, 0.3596



64.0655, 0.2757, 0.3237



64.0655, 0.2747, 0.2977

Sweetspot

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



64.0684, 0.3511, 0.3323



90.2390, 0.3228, 0.3300



65.1054, 0.3167, 0.2825



19.0971, 0.3240, 0.3301



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.



64.0684, 0.3511, 0.3323



65.3577, 0.3622, 0.3331



75.6678, 0.3464, 0.3567



16.6481, 0.3292, 0.3305



10.7112, 0.6356, 0.3335



0.9985, 0.6247, 0.3422

Inverse Universe

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



81.1698, 0.2831, 0.3257



87.7739, 0.2769, 0.3249



68.2060, 0.2815, 0.2996



18.5705, 0.2981, 0.3275



34.0370, 0.2193, 0.3094



3.0441, 0.2200, 0.3121

Previews

White Background



This preview shows how the Yxy color 64.0655, 0.3511, 0.3323 looks on a white background.

Color Contrast Check

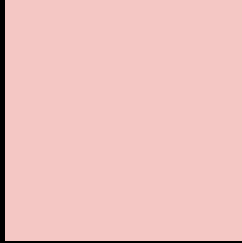
Large Text (above 18pt) WCAG AA × Fail

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 64.0655, 0.3511, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

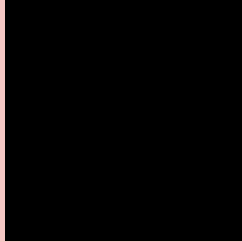
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0655, 0.3511, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 64.0655, 0.3511, 0.3323.

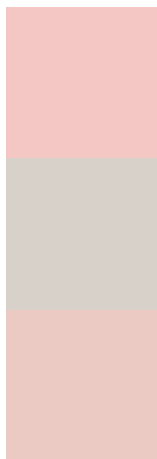


This preview shows how white text looks on a background with the Yxy color 64.0655, 0.3511, 0.3323.

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

64.0655, 0.3511, 0.3323

Protanopia

64.2650, 0.3229, 0.3381

Deuteranopia

63.8434, 0.3441, 0.3367



Tritanopia

64.2788, 0.3405, 0.3133

Trichromacy



Original Color

64.0655, 0.3511, 0.3323

Protanomaly

63.9549, 0.3334, 0.3357

Deuteranomaly

63.8906, 0.3467, 0.3356

Tritanomaly

64.2569, 0.3443, 0.3206

Monochromacy



Original Color

64.0655, 0.3511, 0.3323

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9292, 0.3264, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0655, 0.3511, 0.3323 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(244, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 199, 196)  
}
```

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(244, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 199, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.0655, 0.3511, 0.3323 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(244, 199, 196) }
```

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

```
.border{ border-color:rgb(244, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 199,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0655, 0.3511, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 199, 196) }
```

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

```
.background{ background-color: rgb(244,  
199, 196) }
```

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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