

Converting Colors

Yxy(64.0658, 0.3502, 0.3134)

Have a look what the booklet for
Yxy(64.0658, 0.3502, 0.3134)
contains.

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Color

Yxy(64.2579, 0.3498, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FEC2D1
RGB	254, 194, 209
RGB Percent	100%, 76%, 82%
CMY	0.0039, 0.2392, 0.1802
CMYK	0.00, 0.24, 0.18, 0.00
HSL	345°, 97%, 88%
HSV	345°, 24%, 100%
XYZ	71.6754, 64.2579, 68.9707
YIQ	213.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

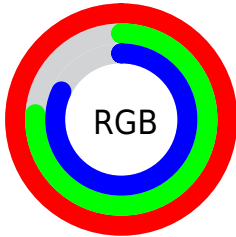
Format	Color
RYB	254, 194, 209
Decimal	16696017
CIELab	84.10, 23.64, 0.82
CIELCh	84, 23.657, 1.992
Yxy	64.2579, 0.3498, 0.3136
Android (android.graphics.Color)	4294886097 (0xFFFECC2D1)
YUV	213.6500, -2.2925, 35.3869
Hunter-Lab	80.1610, 19.3227, 5.0995

Details

The Yxy color **64.2579, 0.3498, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5798, 0.2854, 0.3451**, and the grayscale version is **67.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.9930, 0.3592, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **53.0170, 0.3719, 0.3067**, and if you desaturate by 10%, it is **77.5495, 0.3318, 0.3204**.

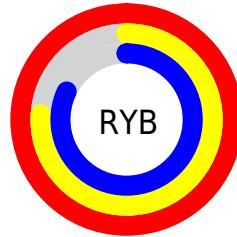
Distribution



Red (100%)

Green (76%)

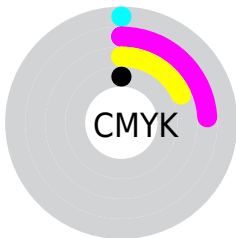
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

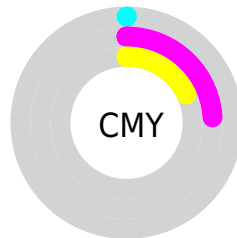


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2579, 0.3498, 0.3136 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 64.2579, 0.3498, 0.3136 by changing the saturation by 10% instead.

 64.2579, 0.3498,
0.3136

 64.2579, 0.3498,
0.3136

440.1204, 0.3322,
0.3209

 46.8596, 0.3539,
0.3119

 110.9823, 0.3436,
0.3162

 32.9247, 0.3591,
0.3097


141.0771, 0.3412,
0.3172

 22.0687, 0.3657,
0.3069


176.1729, 0.3392,
0.3180

 13.9074, 0.3745,
0.3032

216.6541, 0.3374,
0.3188

 8.0563, 0.3868,
0.2980

262.9051, 0.3359,
0.3194

 4.1310, 0.4051,
0.2901


315.3102, 0.3345,

 1.7471, 0.4352,

0.3200


0.2771


374.2538, 0.3333,
0.3205


 0.4539, 0.5338,
0.2376


 0.0000, 0.0000,
0.0000


 64.2579, 0.3498,
0.3136


 64.2579, 0.3498,
0.3136

 53.0170, 0.3719,
0.3067


 77.5495, 0.3318,
0.3204

 43.7157, 0.3986,
0.3001

 92.9779, 0.3173,
0.3268

 36.2460, 0.4304,
0.2944

99.8098, 0.3121,
0.3290

 30.4855, 0.4667,
0.2906

■ 26.2969, 0.5059,
0.2898

■ 23.5212, 0.5448,
0.2930

■ 21.9656, 0.5792,
0.3004

■ 21.4360, 0.5973,
0.3064

Harmonies

Analogous

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



64.2579, 0.3214, 0.2934



64.2579, 0.3498, 0.3136



64.2579, 0.3683, 0.3381

Triad

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



64.2579, 0.3498, 0.3136



64.2579, 0.3319, 0.3815



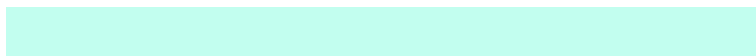
64.2579, 0.2575, 0.2930

Complementary

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



64.2579, 0.3498, 0.3136



88.5798, 0.2854, 0.3451

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.



64.2579, 0.2601, 0.3157



64.2579, 0.3498, 0.3136



64.2579, 0.3021, 0.3689

Square

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



64.2579, 0.3498, 0.3136



64.2579, 0.3573, 0.3781



64.2579, 0.2761, 0.3440



64.2579, 0.2688, 0.2812

Rectangle

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



64.2579, 0.3498, 0.3136



64.2579, 0.3720, 0.3543



64.2579, 0.2761, 0.3440



64.2579, 0.2568, 0.2995

Sweetspot

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



64.2608, 0.3498, 0.3136



88.3035, 0.3219, 0.3247



63.9178, 0.3036, 0.2678



18.6957, 0.3227, 0.3243



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.



64.2608, 0.3498, 0.3136



59.6153, 0.3589, 0.3106



70.0780, 0.3587, 0.3436



18.0617, 0.3255, 0.3231



11.3216, 0.5934, 0.3042



1.1190, 0.5619, 0.2869

Inverse Universe

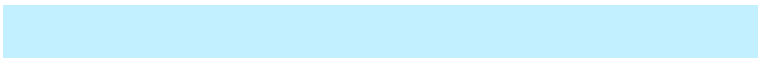
The Inverse Universe completely reimagines the original color for something new.



64.2608, 0.3498, 0.3136



59.6153, 0.3589, 0.3106



80.9437, 0.2765, 0.3139



18.0617, 0.3255, 0.3231



11.3216, 0.5934, 0.3042



1.1190, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 64.2579, 0.3498, 0.3136 looks on a white background.

Color Contrast Check

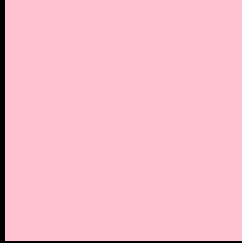
Large Text (above 18pt) WCAG AA × Fail

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 64.2579, 0.3498, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

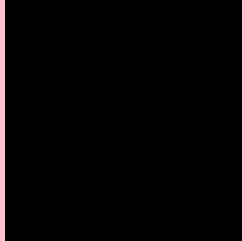
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2579, 0.3498, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 64.2579, 0.3498, 0.3136.



This preview shows how white text looks on a background with the Yxy color 64.2579, 0.3498, 0.3136.

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

64.2579, 0.3498, 0.3136

Protanopia

64.6599, 0.3087, 0.3189

Deuteranopia

64.2058, 0.3316, 0.3247



Tritanopia

64.2579, 0.3498, 0.3136

Trichromacy



Original Color

64.2579, 0.3498, 0.3136

Protanomaly

64.4229, 0.3225, 0.3170

Deuteranomaly

64.2133, 0.3376, 0.3205

Tritanomaly

64.2579, 0.3498, 0.3136

Monochromacy



Original Color

64.2579, 0.3498, 0.3136

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.0371, 0.3259, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2579, 0.3498, 0.3136 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(254, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 209)  
}
```

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(254, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 64.2579, 0.3498, 0.3136 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(254, 194, 209) }
```

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

```
.border{ border-color:rgb(254, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2579, 0.3498, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 209) }
```

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

```
.background{ background-color: rgb(254,  
194, 209) }
```

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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