

Converting Colors

Yxy(64.0658, 0.3385, 0.3195)

Have a look what the booklet for
Yxy(64.0658, 0.3385, 0.3195)
contains.

Yxy(63.9262, 0.3385, 0.3195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.9262, 0.3385, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	F0C7D0
RGB	240, 199, 208
RGB Percent	94%, 78%, 82%
CMY	0.0590, 0.2195, 0.1844
CMYK	0.00, 0.17, 0.13, 0.06
HSL	347°, 58%, 86%
HSV	347°, 17%, 94%
XYZ	67.7278, 63.9262, 68.4280
YIQ	212.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

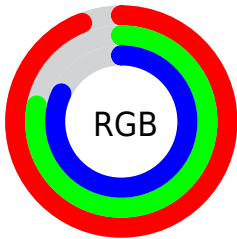
Format	Color
R _Y B	240, 199, 208
Decimal	15779792
CIE Lab	83.93, 15.87, 0.98
CIE LCh	84, 15.903, 3.520
Yxy	63.9262, 0.3385, 0.3195
Android (android.graphics.Color)	4293969872 (0xFFFF0C7D0)
YUV	212.2850, -2.1125, 24.3061
Hunter-Lab	79.9539, 11.2855, 5.2247

Details

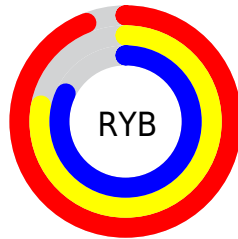
The Yxy color **63.9262, 0.3385, 0.3195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2044, 0.2920, 0.3387**, and the grayscale version is **66.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7742, 0.3451, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **52.8733, 0.3586, 0.3135**, and if you desaturate by 10%, it is **76.8348, 0.3223, 0.3252**.

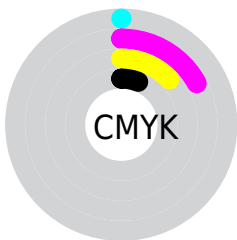
Distribution



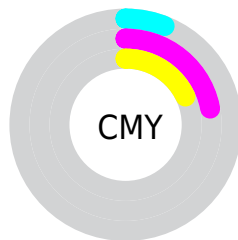
- Red (94%)
- Green (78%)
- Blue (82%)



- Red (94%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9262, 0.3385, 0.3195 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 63.9262, 0.3385, 0.3195 by changing the saturation by 10% instead.

 63.9262, 0.3385,
0.3195

 63.9262, 0.3385,
0.3195


438.9231, 0.3263,
0.3240

 46.5909, 0.3414,
0.3184


110.5046, 0.3342,
0.3211

 32.7124, 0.3450,
0.3171


140.5166, 0.3325,
0.3217

 21.9062, 0.3496,
0.3153


175.5229, 0.3311,
0.3223

 13.7880, 0.3558,
0.3130

215.9079, 0.3299,
0.3227

 7.9734, 0.3644,
0.3097

262.0560, 0.3288,
0.3231

 4.0779, 0.3774,
0.3047

314.3516, 0.3279,

 1.7172, 0.3990,

0.3235

0.2963

373.1792, 0.3270,
0.3238

0.4348, 0.4881,
0.2650

0.0000, 0.0000,
0.0000

63.9262, 0.3385,
0.3195

63.9262, 0.3385,
0.3195

52.8733, 0.3586,
0.3135

76.8348, 0.3223,
0.3252

43.5825, 0.3832,
0.3076

91.6701, 0.3091,
0.3305

35.9646, 0.4129,
0.3021

97.2560, 0.3035,
0.3290

29.9195, 0.4478,
0.2977

■ 25.3363, 0.4869,
0.2953

■ 22.0893, 0.5278,
0.2961

■ 20.0316, 0.5665,
0.3007

■ 18.9749, 0.5981,
0.3087

■ 18.7682, 0.6059,
0.3112

Harmonies

Analogous

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



63.9262, 0.3198, 0.3052



63.9262, 0.3385, 0.3195



63.9262, 0.3503, 0.3365

Triad

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



63.9262, 0.3385, 0.3195



63.9262, 0.3249, 0.3637



63.9262, 0.2752, 0.3043

Complementary

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



63.9262, 0.3385, 0.3195



80.2044, 0.2920, 0.3387

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.



63.9262, 0.2765, 0.3196



63.9262, 0.3385, 0.3195



63.9262, 0.3048, 0.3547

Square

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



63.9262, 0.3385, 0.3195



63.9262, 0.3422, 0.3625



63.9262, 0.2872, 0.3382



63.9262, 0.2835, 0.2963

Rectangle

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



63.9262, 0.3385, 0.3195



63.9262, 0.3524, 0.3474



63.9262, 0.2872, 0.3382



63.9262, 0.2745, 0.3087

Sweetspot

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



63.9291, 0.3385, 0.3195



91.5081, 0.3194, 0.3263



64.0374, 0.3075, 0.2858



19.3407, 0.3203, 0.3259



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.



63.9291, 0.3385, 0.3195



69.3599, 0.3441, 0.3177



68.7046, 0.3435, 0.3408



15.8154, 0.3259, 0.3239



10.2952, 0.6023, 0.3091



0.8708, 0.5663, 0.2893

Inverse Universe

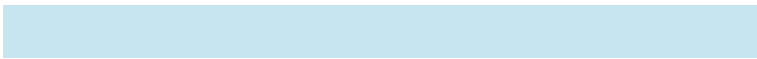
The Inverse Universe completely reimagines the original color for something new.



63.9291, 0.3385, 0.3195



69.3599, 0.3441, 0.3177



74.4924, 0.2864, 0.3169



15.8154, 0.3259, 0.3239



10.2952, 0.6023, 0.3091



0.8708, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 63.9262, 0.3385, 0.3195 looks on a white background.

Color Contrast Check

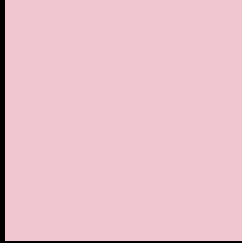
Large Text (above 18pt) WCAG AA × Fail

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 63.9262, 0.3385, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

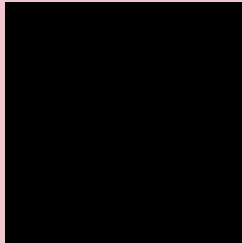
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9262, 0.3385, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 63.9262, 0.3385, 0.3195.



This preview shows how white text looks on a background with the Yxy color 63.9262, 0.3385, 0.3195.

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

63.9262, 0.3385, 0.3195

Protanopia

63.9129, 0.3122, 0.3233

Deuteranopia

64.0399, 0.3308, 0.3247



Tritanopia

63.9440, 0.3348, 0.3121

Trichromacy



Original Color

63.9262, 0.3385, 0.3195

Protanomaly

63.8954, 0.3214, 0.3224

Deuteranomaly

64.2385, 0.3341, 0.3236

Tritanomaly

63.8424, 0.3364, 0.3142

Monochromacy



Original Color

63.9262, 0.3385, 0.3195

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8584, 0.3213, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9262, 0.3385, 0.3195 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(240, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 208)  
}
```

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(240, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 63.9262, 0.3385, 0.3195 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(240, 199, 208) }
```

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

```
.border{ border-color:rgb(240, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9262, 0.3385, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 208) }
```

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

```
.background{ background-color: rgb(240,  
199, 208) }
```

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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