

Converting Colors

$Yxy(63.5192, 0.3421, 0.3222)$

Have a look what the booklet for
Yxy(63.5192, 0.3421, 0.3222)
contains.

Yxy(63.4967, 0.3418, 0.3216)	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(63.4967, 0.3418, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	F1C6CD
RGB	241, 198, 205
RGB Percent	95%, 78%, 80%
CMY	0.0550, 0.2235, 0.1961
CMYK	0.00, 0.18, 0.15, 0.05
HSL	350°, 61%, 86%
HSV	350°, 18%, 95%
XYZ	67.4850, 63.4967, 66.4583
YIQ	211.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

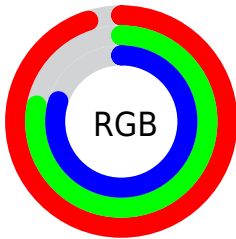
Format	Color
R _Y B	241, 198, 205
Decimal	15845069
CIE Lab	83.70, 16.31, 2.25
CIE LCh	84, 16.460, 7.855
Yxy	63.4967, 0.3418, 0.3216
Android (android.graphics.Color)	4294035149 (0xFFFF1C6CD)
YUV	211.6550, -3.2809, 25.7356
Hunter-Lab	79.6848, 11.7230, 6.3306

Details

The Yxy color **63.4967, 0.3418, 0.3216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8483, 0.2897, 0.3366**, and the grayscale version is **65.6089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3712, 0.3485, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **52.4321, 0.3637, 0.3172**, and if you desaturate by 10%, it is **76.4453, 0.3241, 0.3259**.

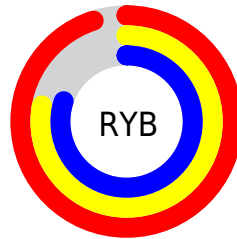
Distribution



Red (95%)

Green (78%)

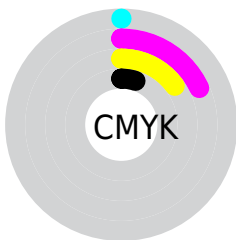
Blue (80%)



Red (95%)

Yellow (78%)

Blue (80%)

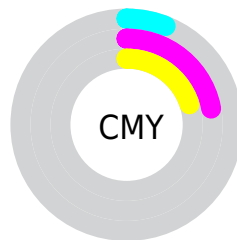


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (5%)



Cyan (6%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4967, 0.3418, 0.3216 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 63.4967, 0.3418, 0.3216 by changing the saturation by 10% instead.

 63.4967, 0.3418,
0.3216

 63.4967, 0.3418,
0.3216


437.3699, 0.3280,
0.3252

 46.2432, 0.3451,
0.3207


109.8858, 0.3369,
0.3229

 32.4377, 0.3491,
0.3196


139.7901, 0.3350,
0.3234

 21.6961, 0.3544,
0.3182

174.6801, 0.3334,
0.3238

 13.6337, 0.3614,
0.3163

214.9403, 0.3320,
0.3242

 7.8664, 0.3713,
0.3135

260.9549, 0.3308,
0.3245

 4.0096, 0.3862,
0.3092

313.1085, 0.3298,

 1.6789, 0.4110,

0.3247

0.3018

371.7853, 0.3288,
0.3250

0.4099, 0.5298,
0.2757

0.0000, 0.0000,
0.0000

63.4967, 0.3418,
0.3216

63.4967, 0.3418,
0.3216

52.4321, 0.3637,
0.3172

76.4453, 0.3241,
0.3259

43.1555, 0.3907,
0.3128

91.3511, 0.3099,
0.3298

35.5754, 0.4233,
0.3088

97.4379, 0.3041,
0.3290

29.5885, 0.4614,
0.3058

■ 25.0806, 0.5037,
0.3046

■ 21.9219, 0.5467,
0.3061

■ 19.9600, 0.5855,
0.3105

■ 18.9900, 0.6146,
0.3174

■ 18.8457, 0.6197,
0.3187

Harmonies

Analogous

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



63.4967, 0.3231, 0.3062



63.4967, 0.3418, 0.3216



63.4967, 0.3526, 0.3393

Triad

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



63.4967, 0.3418, 0.3216



63.4967, 0.3224, 0.3643



63.4967, 0.2745, 0.3017

Complementary

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



63.4967, 0.3418, 0.3216



80.8483, 0.2897, 0.3366

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.



63.4967, 0.2744, 0.3165



63.4967, 0.3418, 0.3216



63.4967, 0.3016, 0.3536

Square

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



63.4967, 0.3418, 0.3216



63.4967, 0.3411, 0.3646



63.4967, 0.2842, 0.3357



63.4967, 0.2844, 0.2946

Rectangle

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



63.4967, 0.3418, 0.3216



63.4967, 0.3537, 0.3503



63.4967, 0.2842, 0.3357



63.4967, 0.2733, 0.3059

Sweetspot

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



63.4996, 0.3418, 0.3216



91.4646, 0.3198, 0.3270



64.2059, 0.3094, 0.2840



19.3302, 0.3209, 0.3267



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.



63.4996, 0.3418, 0.3216



67.9047, 0.3484, 0.3202



70.0308, 0.3446, 0.3443



15.8008, 0.3268, 0.3252



10.2341, 0.6165, 0.3170



0.8636, 0.5836, 0.2988

Inverse Universe

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



63.4996, 0.3418, 0.3216



67.9047, 0.3484, 0.3202



73.1095, 0.2850, 0.3132



15.8008, 0.3268, 0.3252



10.2341, 0.6165, 0.3170



0.8636, 0.5836, 0.2988

Previews

White Background



This preview shows how the Yxy color 63.4967, 0.3418, 0.3216 looks on a white background.

Color Contrast Check

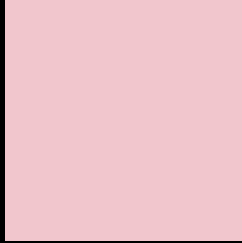
Large Text (above 18pt) WCAG AA × Fail

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 63.4967, 0.3418, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

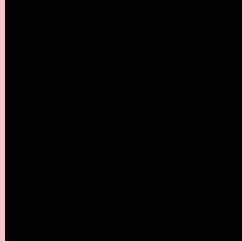
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4967, 0.3418, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 63.4967, 0.3418, 0.3216.

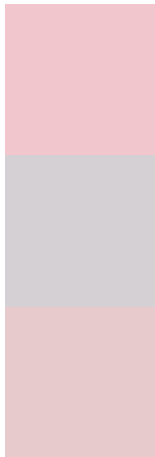


This preview shows how white text looks on a background with the Yxy color 63.4967, 0.3418, 0.3216.

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

63.4967, 0.3418, 0.3216

Protanopia

63.8119, 0.3136, 0.3256

Deuteranopia

63.5896, 0.3340, 0.3269



Tritanopia

63.5632, 0.3373, 0.3132

Trichromacy



Original Color

63.4967, 0.3418, 0.3216

Protanomaly

63.4772, 0.3238, 0.3235

Deuteranomaly

63.7951, 0.3373, 0.3258

Tritanomaly

63.4132, 0.3397, 0.3163

Monochromacy



Original Color

63.4967, 0.3418, 0.3216

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9171, 0.3235, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4967, 0.3418, 0.3216 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(241, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 205)  
}
```

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(241, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 63.4967, 0.3418, 0.3216 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(241, 198, 205) }
```

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

```
.border{ border-color:rgb(241, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 198, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 198, 205); box-shadow:4px 4px 4px 4px rgb(241, 198, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4967, 0.3418, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 205) }
```

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

```
.background{ background-color: rgb(241,  
198, 205) }
```

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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