

Converting Colors

$Yxy(63.3217, 0.3484, 0.3169)$

Have a look what the booklet for
Yxy(63.3217, 0.3484, 0.3169)
contains.

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Color

Yxy(63.1795, 0.3482, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	F9C2CE
RGB	249, 194, 206
RGB Percent	98%, 76%, 81%
CMY	0.0234, 0.2392, 0.1921
CMYK	0.00, 0.22, 0.17, 0.02
HSL	347°, 82%, 87%
HSV	347°, 22%, 98%
XYZ	69.5074, 63.1795, 66.9323
YIQ	211.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

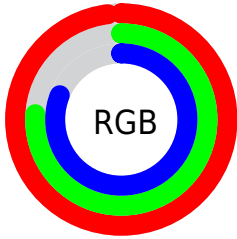
Format	Color
R _Y B	249, 194, 206
Decimal	16368334
CIE Lab	83.54, 21.43, 1.56
CIE LCh	84, 21.491, 4.164
Yxy	63.1795, 0.3482, 0.3165
Android (android.graphics.Color)	4294558414 (0xFFFF9C2CE)
YUV	211.8130, -2.8658, 32.6130
Hunter-Lab	79.4855, 16.9926, 5.7136

Details

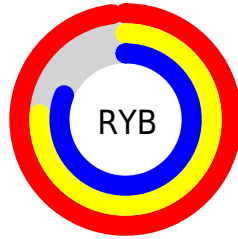
The Yxy color **63.1795, 0.3482, 0.3165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3512, 0.2861, 0.3419**, and the grayscale version is **65.7159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.2296, 0.3571, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **52.1231, 0.3705, 0.3105**, and if you desaturate by 10%, it is **76.2160, 0.3301, 0.3224**.

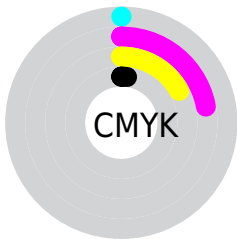
Distribution



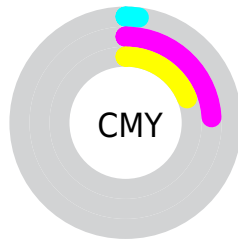
- Red (98%)
- Green (76%)
- Blue (81%)



- Red (98%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1795, 0.3482, 0.3165 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 63.1795, 0.3482, 0.3165 by changing the saturation by 10% instead.


 63.1795, 0.3482,
0.3165

 63.1795, 0.3482,
0.3165


436.2206, 0.3313,
0.3225

 45.9864, 0.3522,
0.3151


 109.4284, 0.3422,
0.3186

 32.2351, 0.3572,
0.3133

139.2531, 0.3400,
0.3195

 21.5412, 0.3636,
0.3109


174.0571, 0.3380,
0.3202

 13.5201, 0.3721,
0.3078

214.2248, 0.3363,
0.3208

 7.7877, 0.3841,
0.3033

260.1406, 0.3348,
0.3213

 3.9594, 0.4022,
0.2966


312.1889, 0.3335,

 1.6509, 0.4322,


0.3217


0.2851


370.7541, 0.3324,
0.3222


 0.3915, 0.5585,
0.2439


 0.0000, 0.0000,
0.0000


 63.1795, 0.3482,
0.3165


 63.1795, 0.3482,
0.3165

 52.1231, 0.3705,
0.3105


 76.2160, 0.3301,
0.3224

 42.9416, 0.3978,
0.3047

 91.3141, 0.3154,
0.3279

 35.5327, 0.4303,
0.2996

 98.8847, 0.3090,
0.3290

 29.7811, 0.4676,
0.2962

■ 25.5579, 0.5082,
0.2953

■ 22.7146, 0.5486,
0.2981

■ 21.0729, 0.5842,
0.3046

■ 20.4147, 0.6064,
0.3114

Harmonies

Analogous

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



63.1795, 0.3227, 0.2975



63.1795, 0.3482, 0.3165



63.1795, 0.3641, 0.3392

Triad

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



63.1795, 0.3482, 0.3165



63.1795, 0.3284, 0.3764



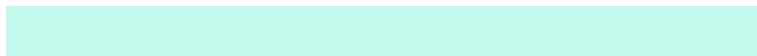
63.1795, 0.2624, 0.2950

Complementary

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



63.1795, 0.3482, 0.3165



85.3512, 0.2861, 0.3419

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.



63.1795, 0.2639, 0.3152



63.1795, 0.3482, 0.3165



63.1795, 0.3012, 0.3639

Square

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



63.1795, 0.3482, 0.3165



63.1795, 0.3521, 0.3746



63.1795, 0.2778, 0.3409



63.1795, 0.2737, 0.2848

Rectangle

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



63.1795, 0.3482, 0.3165



63.1795, 0.3668, 0.3538



63.1795, 0.2778, 0.3409



63.1795, 0.2615, 0.3008

Sweetspot

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



63.1824, 0.3482, 0.3165



88.2691, 0.3222, 0.3252



63.2867, 0.3056, 0.2723



18.6878, 0.3231, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

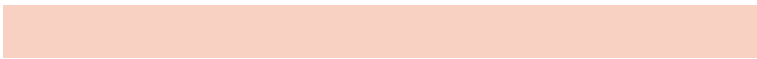
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.1824, 0.3482, 0.3165



60.6670, 0.3587, 0.3135



69.4782, 0.3547, 0.3445



17.2873, 0.3259, 0.3238



10.9421, 0.6028, 0.3094



1.0285, 0.5706, 0.2917

Inverse Universe

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



63.1824, 0.3482, 0.3165



60.6670, 0.3587, 0.3135



77.3556, 0.2786, 0.3130



17.2873, 0.3259, 0.3238



10.9421, 0.6028, 0.3094



1.0285, 0.5706, 0.2917

Previews

White Background



This preview shows how the Yxy color 63.1795, 0.3482, 0.3165 looks on a white background.

Color Contrast Check

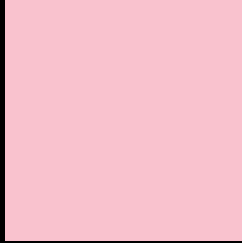
Large Text (above 18pt) WCAG AA × Fail

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 63.1795, 0.3482, 0.3165 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 63.1795, 0.3482, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 63.1795, 0.3482, 0.3165.



This preview shows how white text looks on a background with the Yxy color 63.1795, 0.3482, 0.3165.

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

63.1795, 0.3482, 0.3165

Protanopia

63.3296, 0.3108, 0.3211

Deuteranopia

63.4718, 0.3324, 0.3258



Tritanopia

63.3268, 0.3458, 0.3134

Trichromacy



Original Color

63.1795, 0.3482, 0.3165

Protanomaly

62.9518, 0.3240, 0.3191

Deuteranomaly

63.2592, 0.3384, 0.3226

Tritanomaly

63.2774, 0.3466, 0.3144

Monochromacy



Original Color

63.1795, 0.3482, 0.3165

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3233, 0.3245, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1795, 0.3482, 0.3165 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(249, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(249, 194, 206)  
}
```

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(249, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 194, 206) }
```

Border

The CSS property to change the border of an element to Yxy 63.1795, 0.3482, 0.3165 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(249, 194, 206) }
```

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

```
.border{ border-color:rgb(249, 194, 206) }
```

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

Here you see how a box with a 4 pixel rgb(249, 194, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(249, 194,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1795, 0.3482, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 194, 206) }
```

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

```
.background{ background-color: rgb(249,  
194, 206) }
```

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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