

Converting Colors

Yxy(65.4073, 0.3317, 0.3119)

Have a look what the booklet for
Yxy(65.4073, 0.3317, 0.3119)
contains.

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Color

Yxy(65.4838, 0.3322, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F1C9D9
RGB	241, 201, 217
RGB Percent	95%, 79%, 85%
CMY	0.0550, 0.2117, 0.1492
CMYK	0.00, 0.17, 0.10, 0.05
HSL	336°, 59%, 87%
HSV	336°, 17%, 95%
XYZ	69.6788, 65.4838, 74.5869
YIQ	214.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

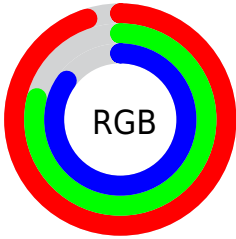
Format	Color
R _{YB}	241, 201, 217
Decimal	15845849
CIE Lab	84.73, 16.65, -2.63
CIE LCh	85, 16.856, 351.030
Yxy	65.4838, 0.3322, 0.3122
Android (android.graphics.Color)	4294035929 (0xFFFF1C9D9)
YUV	214.7840, 1.0925, 22.9914
Hunter-Lab	80.9221, 12.0857, 1.9971

Details

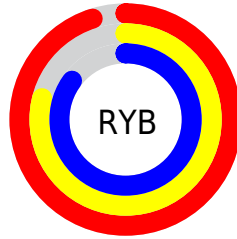
The Yxy color **65.4838, 0.3322, 0.3122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7601, 0.2966, 0.3465**, and the grayscale version is **67.7841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7904, 0.3375, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **54.3968, 0.3474, 0.3014**, and if you desaturate by 10%, it is **78.4053, 0.3197, 0.3225**.

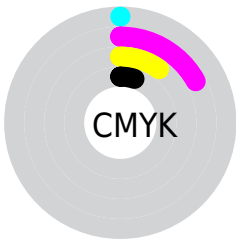
Distribution



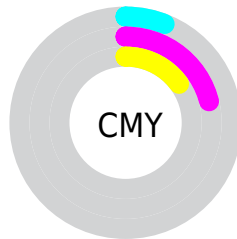
- Red (95%)
- Green (79%)
- Blue (85%)



- Red (95%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (5%)





- Cyan (6%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4838, 0.3322, 0.3122 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 65.4838, 0.3322, 0.3122 by changing the saturation by 10% instead.


 65.4838, 0.3322,
0.3122

 65.4838, 0.3322,
0.3122


444.5285, 0.3231,
0.3200

 47.8535, 0.3343,
0.3104


112.7451, 0.3290,
0.3149

 33.7109, 0.3370,
0.3081


143.1449, 0.3278,
0.3160

 22.6716, 0.3403,
0.3053


178.5700, 0.3267,
0.3169

 14.3512, 0.3448,
0.3015

219.4048, 0.3258,
0.3177

 8.3653, 0.3510,
0.2963

266.0336, 0.3250,
0.3184

 4.3296, 0.3602,
0.2888

318.8409, 0.3243,

 1.8596, 0.3751,

0.3190

0.2766

378.2111, 0.3236,
0.3196

0.5239, 0.4148,
0.2399

0.0000, 0.0000,
0.0000

65.4838, 0.3322,
0.3122

65.4838, 0.3322,
0.3122

54.3968, 0.3474,
0.3014

78.4053, 0.3197,
0.3225

45.0521, 0.3658,
0.2906

93.2308, 0.3094,
0.3322

37.3621, 0.3876,
0.2802

97.4382, 0.3041,
0.3290

31.2287, 0.4130,
0.2713

■ 26.5428, 0.4417,
0.2649

■ 23.1813, 0.4725,
0.2624

■ 21.0001, 0.5037,
0.2649

■ 19.8183, 0.5329,
0.2728

■ 19.5456, 0.5423,
0.2761

Harmonies

Analogous

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



65.4838, 0.3111, 0.2994



65.4838, 0.3322, 0.3122



65.4838, 0.3483, 0.3293

Triad

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



65.4838, 0.3322, 0.3122



65.4838, 0.3338, 0.3663



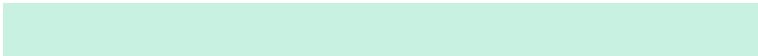
65.4838, 0.2726, 0.3089

Complementary

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



65.4838, 0.3322, 0.3122



80.7601, 0.2966, 0.3465

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.



65.4838, 0.2783, 0.3271



65.4838, 0.3322, 0.3122



65.4838, 0.3132, 0.3612

Square

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



65.4838, 0.3322, 0.3122



65.4838, 0.3491, 0.3607



65.4838, 0.2929, 0.3466



65.4838, 0.2773, 0.2971

Rectangle

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



65.4838, 0.3322, 0.3122



65.4838, 0.3537, 0.3413



65.4838, 0.2929, 0.3466



65.4838, 0.2734, 0.3145

Sweetspot

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



65.4867, 0.3322, 0.3122



91.6494, 0.3179, 0.3241



64.1378, 0.3028, 0.2864



19.3750, 0.3187, 0.3234



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.



65.4867, 0.3322, 0.3122



69.8465, 0.3372, 0.3085



66.5848, 0.3437, 0.3334



15.8633, 0.3231, 0.3196



10.6254, 0.5381, 0.2738



0.9031, 0.5033, 0.2546

Inverse Universe

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



65.4867, 0.3322, 0.3122



69.8465, 0.3372, 0.3085



79.3315, 0.2874, 0.3246



15.8633, 0.3231, 0.3196



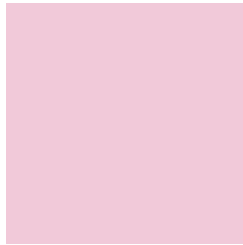
10.6254, 0.5381, 0.2738



0.9031, 0.5033, 0.2546

Previews

White Background



This preview shows how the Yxy color 65.4838, 0.3322, 0.3122 looks on a white background.

Color Contrast Check

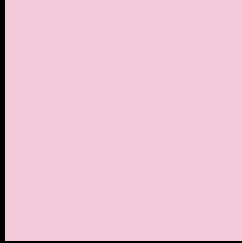
Large Text (above 18pt) WCAG AA × Fail

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 65.4838, 0.3322, 0.3122 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 65.4838, 0.3322, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 65.4838, 0.3322, 0.3122.

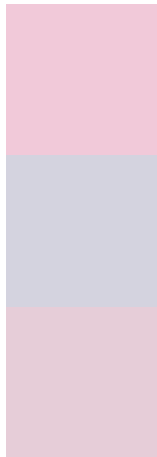


This preview shows how white text looks on a background with the Yxy color 65.4838, 0.3322, 0.3122.

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

65.4838, 0.3322, 0.3122

Protanopia

65.9133, 0.3053, 0.3156

Deuteranopia

65.4435, 0.3240, 0.3171



Tritanopia

65.4838, 0.3322, 0.3122

Trichromacy



Original Color

65.4838, 0.3322, 0.3122

Protanomaly

65.5341, 0.3149, 0.3137

Deuteranomaly

65.6360, 0.3271, 0.3162

Tritanomaly

65.4838, 0.3322, 0.3122

Monochromacy



Original Color

65.4838, 0.3322, 0.3122

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8983, 0.3190, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4838, 0.3322, 0.3122 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, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 201, 217)  
}
```

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, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.4838, 0.3322, 0.3122 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, 201, 217) }
```

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

```
.border{ border-color:rgb(241, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 201,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4838, 0.3322, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 201, 217) }
```

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

```
.background{ background-color: rgb(241,  
201, 217) }
```

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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