

Converting Colors

$Yxy(65.5007, 0.3208, 0.3041)$

Have a look what the booklet for
Yxy(65.5007, 0.3208, 0.3041)
contains.

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Color

Yxy(65.3942, 0.3208, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	EBCAE2
RGB	235, 202, 226
RGB Percent	92%, 79%, 89%
CMY	0.0783, 0.2079, 0.1136
CMYK	0.00, 0.14, 0.04, 0.08
HSL	316°, 45%, 86%
HSV	316°, 14%, 92%
XYZ	69.1218, 65.3942, 80.9509
YIQ	214.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

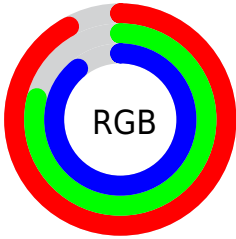
Format	Color
R _Y B	235, 202, 226
Decimal	15452898
CIE _{Lab}	84.69, 15.64, -7.59
CIE _{LCh}	85, 17.386, 334.132
Y _{xy}	65.3942, 0.3208, 0.3035
Android (android.graphics.Color)	4293642978 (0xFFEBCAE2)
Y _{UV}	214.6030, 5.6187, 17.8882
Hunter-Lab	80.8667, 11.0584, -2.7451

Details

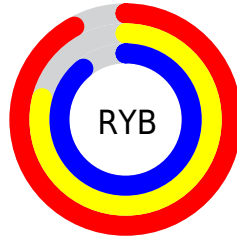
The Yxy color $65.3942, 0.3208, 0.3035$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $76.6982, 0.3055, 0.3559$, and the grayscale version is $67.6330, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7038, 0.3223, 0.2974$ is the 20% darker color. If you saturate the color by 10%, you get $54.8500, 0.3277, 0.2846$, and if you desaturate by 10%, it is $77.6370, 0.3149, 0.3218$.

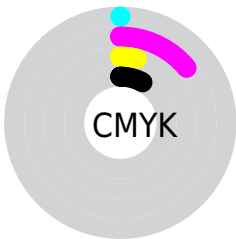
Distribution



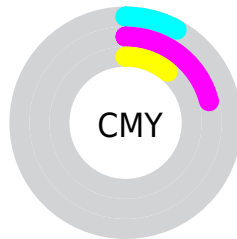
- Red (92%)
- Green (79%)
- Blue (89%)



- Red (92%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3942, 0.3208, 0.3035 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 65.3942, 0.3208, 0.3035 by changing the saturation by 10% instead.


 65.3942, 0.3208,
0.3035

 65.3942, 0.3208,
0.3035


444.2072, 0.3171,
0.3153

 47.7808, 0.3216,
0.3008


112.6164, 0.3195,
0.3076

 33.6533, 0.3227,
0.2975


142.9940, 0.3190,
0.3092

 22.6274, 0.3239,
0.2933


178.3951, 0.3186,
0.3105

 14.3186, 0.3256,
0.2878

219.2041, 0.3182,
0.3117

 8.3426, 0.3279,
0.2803

265.8054, 0.3179,
0.3128

 4.3149, 0.3311,
0.2696

318.5835, 0.3176,

 1.8513, 0.3359,

0.3137

0.2527

377.9226, 0.3173,
0.3145

0.5188, 0.3508,
0.2079

0.0000, 0.0000,
0.0000

65.3942, 0.3208,
0.3035

65.3942, 0.3208,
0.3035

54.8500, 0.3277,
0.2846

77.6370, 0.3149,
0.3218

45.9199, 0.3357,
0.2657

91.6409, 0.3098,
0.3392

38.5252, 0.3448,
0.2474

95.7973, 0.3060,
0.3387

32.5769, 0.3548,
0.2307

96.1961, 0.3024,
0.3323

■ 27.9771, 0.3656,
0.2166

■ 96.4092, 0.3006,
0.3290

■ 24.6155, 0.3769,
0.2063

■ 22.3643, 0.3884,
0.2005

■ 21.0679, 0.3995,
0.1997

■ 20.6079, 0.4060,
0.2010

Harmonies

Analogous

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



65.3942, 0.2989, 0.2942



65.3942, 0.3208, 0.3035



65.3942, 0.3411, 0.3190

Triad

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



65.3942, 0.3208, 0.3035



65.3942, 0.3444, 0.3655



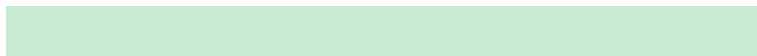
65.3942, 0.2734, 0.3183

Complementary

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



65.3942, 0.3208, 0.3035



76.6982, 0.3055, 0.3559

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.



65.3942, 0.2847, 0.3386



65.3942, 0.3208, 0.3035



65.3942, 0.3255, 0.3666

Square

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



65.3942, 0.3208, 0.3035



65.3942, 0.3549, 0.3544



65.3942, 0.3037, 0.3567



65.3942, 0.2722, 0.3019

Rectangle

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



65.3942, 0.3208, 0.3035



65.3942, 0.3506, 0.3312



65.3942, 0.3037, 0.3567



65.3942, 0.2761, 0.3249

Sweetspot

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



65.3971, 0.3208, 0.3035



93.4860, 0.3148, 0.3219



62.0555, 0.2964, 0.2923



19.7559, 0.3153, 0.3205



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.



65.3971, 0.3208, 0.3035



74.6542, 0.3228, 0.2979



64.5427, 0.3329, 0.3207



15.2396, 0.3180, 0.3120



11.4872, 0.4043, 0.2001



0.9180, 0.3901, 0.1923

Inverse Universe

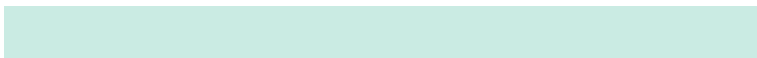
The Inverse Universe completely reimagines the original color for something new.



65.3971, 0.3208, 0.3035



74.6542, 0.3228, 0.2979



77.5593, 0.2958, 0.3374



15.2396, 0.3180, 0.3120



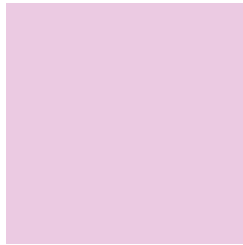
11.4872, 0.4043, 0.2001



0.9180, 0.3901, 0.1923

Previews

White Background



This preview shows how the Yxy color 65.3942, 0.3208, 0.3035 looks on a white background.

Color Contrast Check

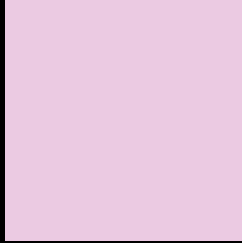
Large Text (above 18pt) WCAG AA × Fail

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 65.3942, 0.3208, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

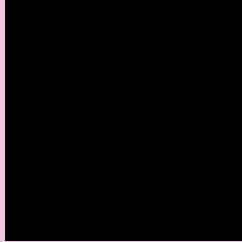
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3942, 0.3208, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 65.3942, 0.3208, 0.3035.



This preview shows how white text looks on a background with the Yxy color 65.3942, 0.3208, 0.3035.

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

65.3942, 0.3208, 0.3035

Protanopia

65.5643, 0.2986, 0.3057

Deuteranopia

65.2676, 0.3145, 0.3073



Tritanopia

65.3188, 0.3250, 0.3119

Trichromacy



Original Color

65.3942, 0.3208, 0.3035

Protanomaly

65.3429, 0.3064, 0.3049

Deuteranomaly

65.2800, 0.3168, 0.3064

Tritanomaly

65.4782, 0.3228, 0.3087

Monochromacy



Original Color

65.3942, 0.3208, 0.3035

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.7373, 0.3154, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3942, 0.3208, 0.3035 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(235, 202, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 202, 226)  
}
```

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(235, 202, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 202, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.3942, 0.3208, 0.3035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

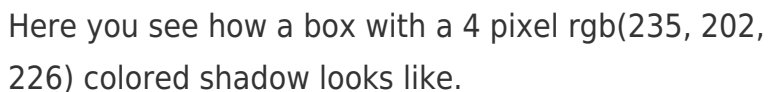
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 202, 226) }
```

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

```
.border{ border-color:rgb(235, 202, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 202, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 202, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 202, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 202,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3942, 0.3208, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 202, 226) }
```

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

```
.background{ background-color: rgb(235,  
202, 226) }
```

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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