

Converting Colors

$Yxy(57.8448, 0.3471, 0.3222)$

Have a look what the booklet for
Yxy(57.8448, 0.3471, 0.3222)
contains.

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Color

Yxy(57.9975, 0.3465, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	EBBDC3
RGB	235, 189, 195
RGB Percent	92%, 74%, 76%
CMY	0.0783, 0.2588, 0.2354
CMYK	0.00, 0.20, 0.17, 0.08
HSL	352°, 54%, 83%
HSV	352°, 20%, 92%
XYZ	62.3136, 57.9975, 59.5261
YIQ	203.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

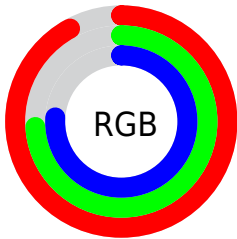
Format	Color
R _Y B	235, 189, 195
Decimal	15449539
CIE Lab	80.74, 17.39, 3.25
CIE LCh	81, 17.692, 10.595
Yxy	57.9975, 0.3465, 0.3225
Android (android.graphics.Color)	4293639619 (0xFFE8BDC3)
YUV	203.4380, -4.1599, 27.6799
Hunter-Lab	76.1561, 12.7818, 6.9662

Details

The Yxy color **57.9975, 0.3465, 0.3225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9114, 0.2867, 0.3357**, and the grayscale version is **60.0274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5931, 0.3150, 0.3223**, and **29.1151, 0.3561, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **47.8326, 0.3701, 0.3190**, and if you desaturate by 10%, it is **69.9327, 0.3275, 0.3259**.

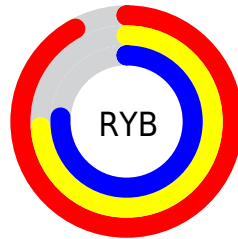
Distribution



Red (92%)

Green (74%)

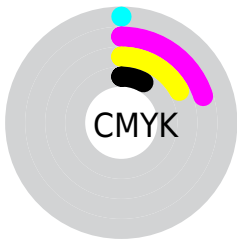
Blue (76%)



Red (92%)

Yellow (74%)

Blue (76%)

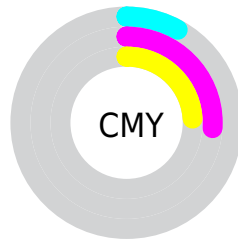


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9975, 0.3465, 0.3225 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 57.9975, 0.3465, 0.3225 by changing the saturation by 10% instead.


 57.9975, 0.3465,
0.3225

 57.9975, 0.3465,
0.3225


417.1766, 0.3301,
0.3258

 41.8066, 0.3504,
0.3217


 101.9192, 0.3407,
0.3237

 28.9499, 0.3554,
0.3206


130.4189, 0.3385,
0.3241

 19.0429, 0.3618,
0.3192


163.7902, 0.3366,
0.3245

 11.7013, 0.3706,
0.3173

202.4177, 0.3349,
0.3248

 6.5406, 0.3831,
0.3144

246.6857, 0.3335,
0.3251

 3.1765, 0.4024,
0.3097

296.9786, 0.3322,

 1.2246, 0.4360,

0.3254

0.3009

353.6807, 0.3311,
0.3256

0.0816, 0.8602,
0.1398

0.0000, 0.0000,
0.0000

57.9975, 0.3465,
0.3225

57.9975, 0.3465,
0.3225

47.8326, 0.3701,
0.3190

69.9327, 0.3275,
0.3259

39.3462, 0.3992,
0.3155

83.7085, 0.3121,
0.3291

32.4502, 0.4342,
0.3125

96.4070, 0.3006,
0.3290

27.0452, 0.4747,
0.3105

■ 23.0207, 0.5188,
0.3101

■ 20.2509, 0.5623,
0.3119

■ 18.5866, 0.5993,
0.3163

■ 17.7892, 0.6249,
0.3219

■ 17.7635, 0.6258,
0.3221

Harmonies

Analogous

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



57.9975, 0.3263, 0.3051



57.9975, 0.3465, 0.3225



57.9975, 0.3575, 0.3420

Triad

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



57.9975, 0.3465, 0.3225



57.9975, 0.3213, 0.3676



57.9975, 0.2711, 0.2976

Complementary

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



57.9975, 0.3465, 0.3225



75.9114, 0.2867, 0.3357

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.



57.9975, 0.2699, 0.3133



57.9975, 0.3465, 0.3225



57.9975, 0.2983, 0.3548

Square

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



57.9975, 0.3465, 0.3225



57.9975, 0.3425, 0.3689



57.9975, 0.2797, 0.3344



57.9975, 0.2829, 0.2908

Rectangle

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



57.9975, 0.3465, 0.3225



57.9975, 0.3579, 0.3540



57.9975, 0.2797, 0.3344



57.9975, 0.2694, 0.3020

Sweetspot

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



58.0001, 0.3465, 0.3225



89.7957, 0.3216, 0.3271



59.0339, 0.3102, 0.2797



18.9929, 0.3227, 0.3269



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.



58.0001, 0.3465, 0.3225



64.0071, 0.3566, 0.3209



65.4237, 0.3479, 0.3476



15.0859, 0.3272, 0.3260



9.8938, 0.6231, 0.3206



0.7871, 0.5921, 0.3035

Inverse Universe

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



58.0001, 0.3465, 0.3225



64.0071, 0.3566, 0.3209



67.0391, 0.2822, 0.3097



15.0859, 0.3272, 0.3260



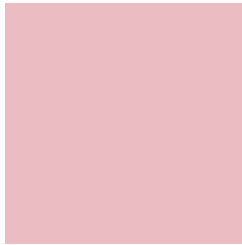
9.8938, 0.6231, 0.3206



0.7871, 0.5921, 0.3035

Previews

White Background



This preview shows how the Yxy color 57.9975, 0.3465, 0.3225 looks on a white background.

Color Contrast Check

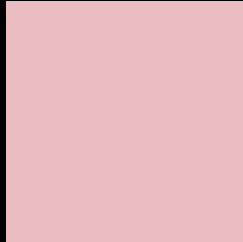
Large Text (above 18pt) WCAG AA × Fail

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 57.9975, 0.3465, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

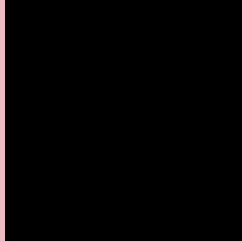
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9975, 0.3465, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 57.9975, 0.3465, 0.3225.



This preview shows how white text looks on a background with the Yxy color 57.9975, 0.3465, 0.3225.

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

57.9975, 0.3465, 0.3225

Protanopia

58.3630, 0.3151, 0.3278

Deuteranopia

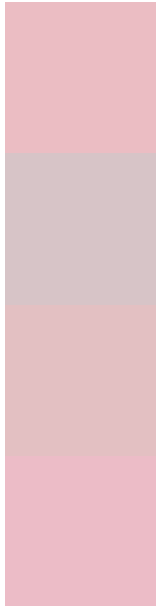
58.0082, 0.3356, 0.3291



Tritanopia

58.0636, 0.3417, 0.3138

Trichromacy



Original Color

57.9975, 0.3465, 0.3225

Protanomaly

58.0504, 0.3257, 0.3256

Deuteranomaly

57.9252, 0.3400, 0.3268

Tritanomaly

57.9228, 0.3442, 0.3170

Monochromacy



Original Color

57.9975, 0.3465, 0.3225

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0054, 0.3247, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9975, 0.3465, 0.3225 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, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 195)  
}
```

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, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.9975, 0.3465, 0.3225 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, 189, 195) }
```

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

```
.border{ border-color:rgb(235, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9975, 0.3465, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 195) }
```

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

```
.background{ background-color: rgb(235,  
189, 195) }
```

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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