

Converting Colors

$Yxy(64.7394, 0.3133, 0.3047)$

Have a look what the booklet for
Yxy(64.7394, 0.3133, 0.3047)
contains.

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Color

Yxy(64.8455, 0.3138, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCE2
RGB	226, 204, 226
RGB Percent	89%, 80%, 89%
CMY	0.1139, 0.1999, 0.1137
CMYK	0.00, 0.10, 0.00, 0.11
HSL	300°, 27%, 84%
HSV	300°, 10%, 89%
XYZ	66.6727, 64.8455, 80.9506
YIQ	213.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

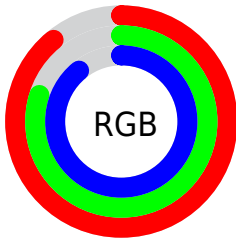
Format	Color
R _Y B	226, 204, 226
Decimal	14863586
CIE Lab	84.40, 11.49, -8.07
CIE LCh	84, 14.039, 324.902
Yxy	64.8455, 0.3138, 0.3052
Android (android.graphics.Color)	4293053666 (0xFFE2CCE2)
YUV	213.0860, 6.3666, 11.3256
Hunter-Lab	80.5267, 6.8688, -3.2334

Details

The Yxy color **64.8455, 0.3138, 0.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5983, 0.3116, 0.3540**, and the grayscale version is **66.5519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4109, 0.3141, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **54.8647, 0.3149, 0.2802**, and if you desaturate by 10%, it is **76.3907, 0.3127, 0.3297**.

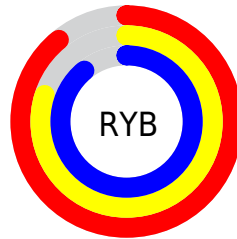
Distribution



Red (89%)

Green (80%)

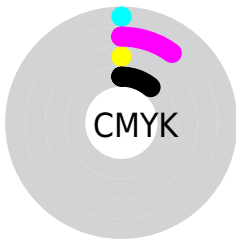
Blue (89%)



Red (89%)

Yellow (80%)

Blue (89%)

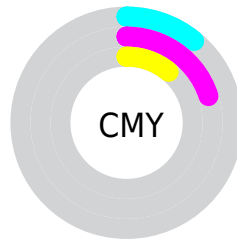


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8455, 0.3138, 0.3052 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 64.8455, 0.3138, 0.3052 by changing the saturation by 10% instead.

 64.8455, 0.3138,
0.3052

 64.8455, 0.3138,
0.3052

442.2366, 0.3134,
0.3162

 47.3358, 0.3139,
0.3027


111.8277, 0.3137,
0.3090

 33.3012, 0.3140,
0.2995


142.0690, 0.3136,
0.3105

 22.3573, 0.3140,
0.2956


177.3230, 0.3136,
0.3118

 14.1197, 0.3141,
0.2904

217.9740, 0.3135,
0.3129

 8.2039, 0.3142,
0.2832

264.4065, 0.3135,
0.3139

 4.2257, 0.3142,
0.2729

317.0048, 0.3134,

 1.8006, 0.3139,

0.3148

0.2567

376.1534, 0.3134,
0.3156

0.4876, 0.3189,
0.2090

0.0000, 0.0000,
0.0000

64.8455, 0.3138,
0.3052

64.8455, 0.3138,
0.3052

54.8647, 0.3149,
0.2802

76.3907, 0.3127,
0.3297

46.3731, 0.3161,
0.2553

89.5548, 0.3116,
0.3530

39.3017, 0.3171,
0.2314

93.1936, 0.3114,
0.3588

33.5732, 0.3181,
0.2094

93.2008, 0.3114,
0.3588

29.1024, 0.3189,
0.1904

93.2080, 0.3114,
0.3588

25.7947, 0.3196,
0.1751

93.2152, 0.3115,
0.3588

23.5421, 0.3201,
0.1640

93.2224, 0.3115,
0.3588

22.2164, 0.3203,
0.1572

93.2296, 0.3115,
0.3588

21.6011, 0.3204,
0.1540

93.2368, 0.3115,
0.3588

Harmonies

Analogous

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



64.8455, 0.2966, 0.2997



64.8455, 0.3138, 0.3052



64.8455, 0.3311, 0.3166

Triad

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



64.8455, 0.3138, 0.3052



64.8455, 0.3419, 0.3566



64.8455, 0.2828, 0.3254

Complementary

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



64.8455, 0.3138, 0.3052



71.5983, 0.3116, 0.3540

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.



64.8455, 0.2943, 0.3417



64.8455, 0.3138, 0.3052



64.8455, 0.3283, 0.3600

Square

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



64.8455, 0.3138, 0.3052



64.8455, 0.3475, 0.3459



64.8455, 0.3109, 0.3546



64.8455, 0.2791, 0.3107

Rectangle

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



64.8455, 0.3138, 0.3052



64.8455, 0.3402, 0.3263



64.8455, 0.3109, 0.3546



64.8455, 0.2858, 0.3309

Sweetspot

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



64.8483, 0.3138, 0.3052



95.2129, 0.3130, 0.3217



61.7019, 0.2976, 0.3044



20.1126, 0.3131, 0.3197



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.



64.8483, 0.3138, 0.3052



81.9952, 0.3141, 0.2993



64.2901, 0.3214, 0.3166



13.9342, 0.3138, 0.3059



12.3166, 0.3204, 0.1539



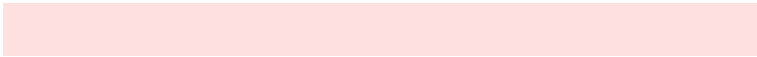
0.8542, 0.3205, 0.1539

Inverse Universe

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



63.7272, 0.3297, 0.3290



80.1934, 0.3344, 0.3290



72.1194, 0.3048, 0.3418



13.7010, 0.3292, 0.3290



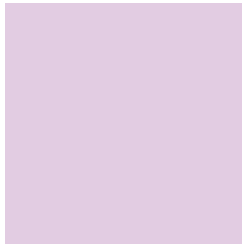
9.2250, 0.6399, 0.3298



0.6396, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 64.8455, 0.3138, 0.3052 looks on a white background.

Color Contrast Check

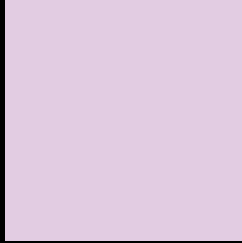
Large Text (above 18pt) WCAG AA × Fail

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 64.8455, 0.3138, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

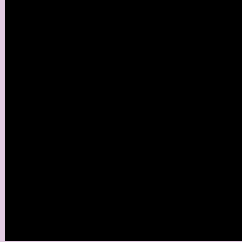
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8455, 0.3138, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 64.8455, 0.3138, 0.3052.



This preview shows how white text looks on a background with the Yxy color 64.8455, 0.3138, 0.3052.

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

64.8455, 0.3138, 0.3052

Protanopia

64.8134, 0.2992, 0.3067

Deuteranopia

65.0009, 0.3123, 0.3062



Tritanopia

64.8907, 0.3166, 0.3116

Trichromacy



Original Color

64.8455, 0.3138, 0.3052

Protanomaly

64.6742, 0.3042, 0.3058

Deuteranomaly

65.1612, 0.3130, 0.3062

Tritanomaly

64.9979, 0.3151, 0.3094

Monochromacy



Original Color

64.8455, 0.3138, 0.3052

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0606, 0.3131, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8455, 0.3138, 0.3052 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(226, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 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(226, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.8455, 0.3138, 0.3052 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(226, 204, 226) }
```

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

```
.border{ border-color:rgb(226, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 204,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8455, 0.3138, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 226) }
```

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

```
.background{ background-color: rgb(226,  
204, 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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