

Converting Colors

Yxy(67.5717, 0.3185, 0.3059)

Have a look what the booklet for
Yxy(67.5717, 0.3185, 0.3059)
contains.

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Color

Yxy(67.4062, 0.3191, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	EBCEE4
RGB	235, 206, 228
RGB Percent	92%, 81%, 89%
CMY	0.0783, 0.1922, 0.1060
CMYK	0.00, 0.12, 0.03, 0.08
HSL	315°, 42%, 86%
HSV	315°, 12%, 92%
XYZ	70.3379, 67.4062, 82.6817
YIQ	217.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

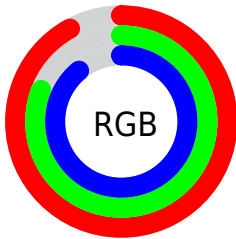
Format	Color
R _Y B	235, 206, 228
Decimal	15453924
CIE Lab	85.71, 13.86, -7.11
CIE LCh	86, 15.575, 332.857
Yxy	67.4062, 0.3191, 0.3058
Android (android.graphics.Color)	4293644004 (0xFFEBCEE4)
YUV	217.1790, 5.3348, 15.6290
Hunter-Lab	82.1013, 9.2474, -2.2383

Details

The Yxy color $67.4062, 0.3191, 0.3058$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.3582, 0.3069, 0.3534$, and the grayscale version is $69.4770, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.0573, 0.3200, 0.3003$ is the 20% darker color. If you saturate the color by 10%, you get $56.6148, 0.3252, 0.2863$, and if you desaturate by 10%, it is $79.9059, 0.3138, 0.3247$.

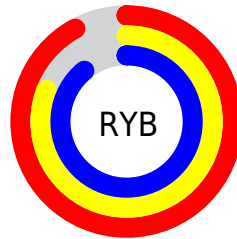
Distribution



Red (92%)

Green (81%)

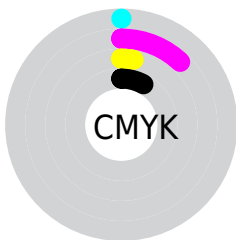
Blue (89%)



Red (92%)

Yellow (81%)

Blue (89%)

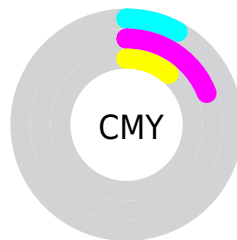


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (19%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4062, 0.3191, 0.3058 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 67.4062, 0.3191, 0.3058 by changing the saturation by 10% instead.


 67.4062, 0.3191,
0.3058

 67.4062, 0.3191,
0.3058


451.3893, 0.3162,
0.3165

 49.4148, 0.3197,
0.3034

115.5023, 0.3181,
0.3095

 34.9486, 0.3205,
0.3004

146.3757, 0.3177,
0.3109

 23.6233, 0.3215,
0.2966


182.3120, 0.3174,
0.3122

 15.0544, 0.3228,
0.2916

223.6955, 0.3171,
0.3133

 8.8576, 0.3246,
0.2849

270.9105, 0.3168,
0.3142

 4.6484, 0.3270,
0.2753

324.3416, 0.3166,

 2.0425, 0.3306,

0.3151

0.2604

384.3730, 0.3164,
0.3158

0.6320, 0.3395,
0.2276

0.0000, 0.0000,
0.0000

67.4062, 0.3191,
0.3058

67.4062, 0.3191,
0.3058

56.6148, 0.3252,
0.2863

79.9059, 0.3138,
0.3247

47.4478, 0.3323,
0.2666

94.1753, 0.3094,
0.3426

39.8277, 0.3402,
0.2475

95.7846, 0.3061,
0.3388

33.6671, 0.3490,
0.2299

96.1389, 0.3029,
0.3331

■ 28.8696, 0.3584,
0.2149

■ 96.4060, 0.3005,
0.3290

■ 25.3277, 0.3683,
0.2034

■ 22.9170, 0.3782,
0.1963

■ 21.4880, 0.3879,
0.1940

■ 20.8777, 0.3951,
0.1950

Harmonies

Analogous

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



67.4062, 0.2998, 0.2978



67.4062, 0.3191, 0.3058



67.4062, 0.3372, 0.3195

Triad

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



67.4062, 0.3191, 0.3058



67.4062, 0.3414, 0.3611



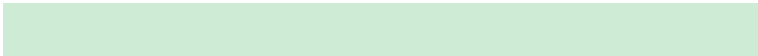
67.4062, 0.2780, 0.3203

Complementary

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



67.4062, 0.3191, 0.3058



77.3582, 0.3069, 0.3534

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.



67.4062, 0.2885, 0.3383



67.4062, 0.3191, 0.3058



67.4062, 0.3249, 0.3624

Square

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



67.4062, 0.3191, 0.3058



67.4062, 0.3502, 0.3511



67.4062, 0.3055, 0.3540



67.4062, 0.2765, 0.3055

Rectangle

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



67.4062, 0.3191, 0.3058



67.4062, 0.3459, 0.3304



67.4062, 0.3055, 0.3540



67.4062, 0.2806, 0.3262

Sweetspot

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



67.4091, 0.3191, 0.3058



93.5053, 0.3147, 0.3216



64.2549, 0.2979, 0.2970



19.7608, 0.3150, 0.3202



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.



67.4091, 0.3191, 0.3058



77.3929, 0.3207, 0.3005



66.6510, 0.3294, 0.3207



15.2476, 0.3175, 0.3113



11.6380, 0.3936, 0.1942



0.9288, 0.3814, 0.1875

Inverse Universe

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



67.4091, 0.3191, 0.3058



77.3929, 0.3207, 0.3005



78.1132, 0.2984, 0.3374



15.2476, 0.3175, 0.3113



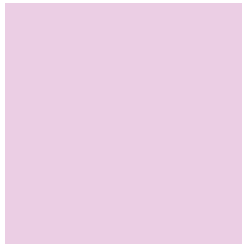
11.6380, 0.3936, 0.1942



0.9288, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 67.4062, 0.3191, 0.3058 looks on a white background.

Color Contrast Check

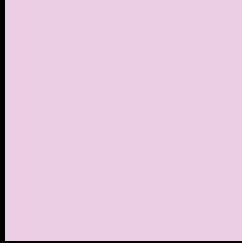
Large Text (above 18pt) WCAG AA × Fail

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 67.4062, 0.3191, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

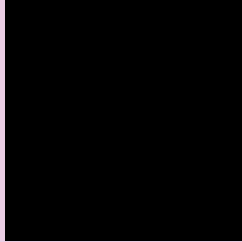
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4062, 0.3191, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 67.4062, 0.3191, 0.3058.



This preview shows how white text looks on a background with the Yxy color 67.4062, 0.3191, 0.3058.

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

67.4062, 0.3191, 0.3058

Protanopia

67.5608, 0.3001, 0.3081

Deuteranopia

67.3712, 0.3145, 0.3076



Tritanopia

67.4458, 0.3218, 0.3120

Trichromacy



Original Color

67.4062, 0.3191, 0.3058

Protanomaly

67.2349, 0.3065, 0.3062

Deuteranomaly

67.2160, 0.3160, 0.3066

Tritanomaly

67.5543, 0.3204, 0.3099

Monochromacy



Original Color

67.4062, 0.3191, 0.3058

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6563, 0.3153, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4062, 0.3191, 0.3058 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, 206, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 228)  
}
```

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, 206, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 228) }
```

Border

The CSS property to change the border of an element to Yxy 67.4062, 0.3191, 0.3058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

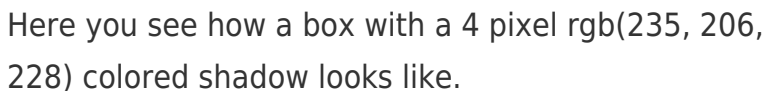
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 206, 228) }
```

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

```
.border{ border-color:rgb(235, 206, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 206, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 206, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 206, 228); box-shadow:4px 4px 4px 4px rgb(235, 206, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4062, 0.3191, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 228) }
```

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

```
.background{ background-color: rgb(235,  
206, 228) }
```

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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