

Converting Colors

$Y_{xy}(67.0276, 0.3260, 0.3254)$

Have a look what the booklet for
Yxy(67.0276, 0.3260, 0.3254)
contains.

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Color

Yxy(67.1774, 0.3265, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E6D1D4
RGB	230, 209, 212
RGB Percent	90%, 82%, 83%
CMY	0.0979, 0.1804, 0.1687
CMYK	0.00, 0.09, 0.08, 0.10
HSL	351°, 30%, 86%
HSV	351°, 9%, 90%
XYZ	67.3217, 67.1774, 71.6930
YIQ	215.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

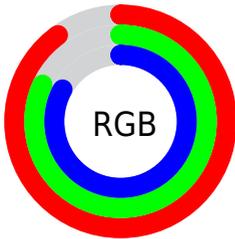
Format	Color
RYB	230, 209, 212
Decimal	15126996
CIELab	85.59, 7.80, 1.17
CIELCh	86, 7.884, 8.510
Yxy	67.1774, 0.3265, 0.3258
Android (android.graphics.Color)	4293317076 (0xFFE6D1D4)
YUV	215.6210, -1.7852, 12.6104
Hunter-Lab	81.9618, 3.1830, 5.5116

Details

The Yxy color $67.1774, 0.3265, 0.3258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.7128, 0.3004, 0.3322$, and the grayscale version is $68.4077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8757, 0.3298, 0.3262$ is the 20% darker color. If you saturate the color by 10%, you get $55.7602, 0.3451, 0.3221$, and if you desaturate by 10%, it is $80.3519, 0.3116, 0.3293$.

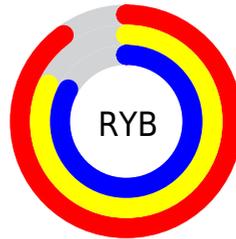
Distribution



Red (90%)

Green (82%)

Blue (83%)



Red (90%)

Yellow (82%)

Blue (83%)

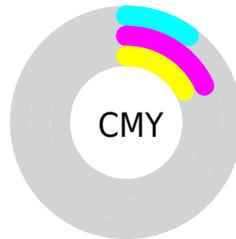


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1774, 0.3265, 0.3258 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 67.1774, 0.3265, 0.3258 by changing the saturation by 10% instead.

 67.1774, 0.3265,
0.3258

 67.1774, 0.3265,
0.3258

450.5760, 0.3200,
0.3273

 49.2288, 0.3280,
0.3254

115.1746, 0.3242,
0.3263

 34.8010, 0.3299,
0.3250

145.9919, 0.3234,
0.3265

 23.5096, 0.3323,
0.3244

181.8677, 0.3226,
0.3267

 14.9703, 0.3355,
0.3236

223.1862, 0.3219,
0.3269

 8.7985, 0.3399,
0.3225

270.3319, 0.3214,
0.3270

 4.6100, 0.3465,
0.3209

323.6892, 0.3209,

 2.0203, 0.3573,

0.3271

0.3181

383.6424, 0.3204,
0.3272

0.6192, 0.3912,
0.3110

0.0000, 0.0000,
0.0000

67.1774, 0.3265,
0.3258

67.1774, 0.3265,
0.3258

55.7602, 0.3451,
0.3221

80.3519, 0.3116,
0.3293

46.0174, 0.3681,
0.3182

95.3417, 0.2995,
0.3325

37.8730, 0.3964,
0.3144

95.5676, 0.2976,
0.3290

31.2414, 0.4305,
0.3111

■ 26.0290, 0.4702,
0.3087

■ 22.1318, 0.5136,
0.3081

■ 19.4317, 0.5569,
0.3098

■ 17.7889, 0.5946,
0.3143

■ 16.9879, 0.6215,
0.3204

Harmonies

Analogous

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



67.1774, 0.3179, 0.3182



67.1774, 0.3265, 0.3258



67.1774, 0.3314, 0.3343

Triad

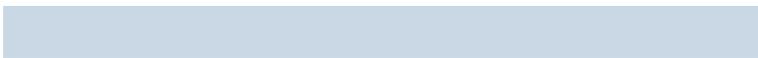
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1774, 0.3265, 0.3258



67.1774, 0.3172, 0.3452



67.1774, 0.2946, 0.3161

Complementary

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



67.1774, 0.3265, 0.3258



75.7128, 0.3004, 0.3322

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.



67.1774, 0.2944, 0.3232



67.1774, 0.3265, 0.3258



67.1774, 0.3074, 0.3402

Square

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



67.1774, 0.3265, 0.3258



67.1774, 0.3260, 0.3457



67.1774, 0.2991, 0.3321



67.1774, 0.2995, 0.3126

Rectangle

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



67.1774, 0.3265, 0.3258



67.1774, 0.3318, 0.3395



67.1774, 0.2991, 0.3321



67.1774, 0.2940, 0.3182

Sweetspot

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



67.1804, 0.3265, 0.3258



94.8002, 0.3170, 0.3280



67.6252, 0.3114, 0.3065



20.0012, 0.3181, 0.3277



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.



67.1804, 0.3265, 0.3258



81.9364, 0.3298, 0.3251



70.7268, 0.3278, 0.3370



14.4011, 0.3270, 0.3257



9.5958, 0.6206, 0.3193



0.7197, 0.5860, 0.3002

Inverse Universe

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



67.1804, 0.3265, 0.3258



81.9364, 0.3298, 0.3251



71.8677, 0.2986, 0.3209



14.4011, 0.3270, 0.3257



9.5958, 0.6206, 0.3193



0.7197, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 67.1774, 0.3265, 0.3258 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 67.1774, 0.3265, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

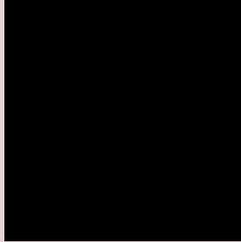
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

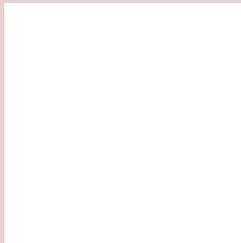
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1774, 0.3265, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 67.1774, 0.3265, 0.3258.



This preview shows how white text looks on a background with the Yxy color 67.1774, 0.3265, 0.3258.

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

67.1774, 0.3265, 0.3258

Protanopia

67.3490, 0.3157, 0.3279

Deuteranopia

67.0413, 0.3305, 0.3237



Tritanopia

67.1092, 0.3203, 0.3119

Trichromacy



Original Color

67.1774, 0.3265, 0.3258

Protanomaly

67.4207, 0.3194, 0.3279

Deuteranomaly

67.1889, 0.3289, 0.3247

Tritanomaly

67.2151, 0.3223, 0.3172

Monochromacy



Original Color

67.1774, 0.3265, 0.3258

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8669, 0.3172, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1774, 0.3265, 0.3258 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(230, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 212)  
}
```

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(230, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 212) }
```

Border

The CSS property to change the border of an element to Yxy 67.1774, 0.3265, 0.3258 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(230, 209, 212) }
```

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

```
.border{ border-color:rgb(230, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(230, 209,  
212) }
```

Background

The CSS property to change the background color of an element to Yxy 67.1774, 0.3265, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 212) }
```

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

```
.background{ background-color: rgb(230,  
209, 212) }
```

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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