

Converting Colors

$Yxy(67.9303, 0.3140, 0.3074)$

Have a look what the booklet for
Yxy(67.9303, 0.3140, 0.3074)
contains.

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Color

Yxy(67.9161, 0.3137, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	E5D1E5
RGB	229, 209, 229
RGB Percent	90%, 82%, 90%
CMY	0.1019, 0.1804, 0.1018
CMYK	0.00, 0.09, 0.00, 0.10
HSL	300°, 28%, 86%
HSV	300°, 9%, 90%
XYZ	69.2629, 67.9161, 83.6145
YIQ	217.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

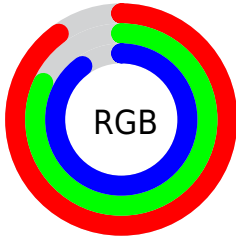
Format	Color
R _Y B	229, 209, 229
Decimal	15061477
CIE Lab	85.96, 10.44, -7.35
CIE LCh	86, 12.767, 324.864
Yxy	67.9161, 0.3137, 0.3076
Android (android.graphics.Color)	4293251557 (0xFFE5D1E5)
YUV	217.2600, 5.7878, 10.2960
Hunter-Lab	82.4112, 5.8016, -2.4678

Details

The Yxy color **67.9161, 0.3137, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2222, 0.3117, 0.3514**, and the grayscale version is **69.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3829, 0.3130, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **57.4715, 0.3148, 0.2826**, and if you desaturate by 10%, it is **79.9821, 0.3126, 0.3320**.

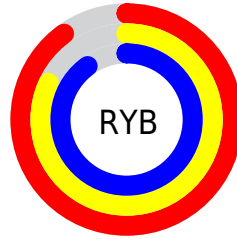
Distribution



Red (90%)

Green (82%)

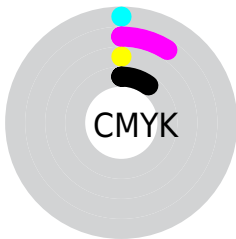
Blue (90%)



Red (90%)

Yellow (82%)

Blue (90%)

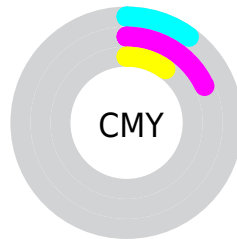


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9161, 0.3137, 0.3076 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 67.9161, 0.3137, 0.3076 by changing the saturation by 10% instead.

 67.9161, 0.3137,
0.3076

 67.9161, 0.3137,
0.3076

453.1987, 0.3133,
0.3175

 49.8295, 0.3138,
0.3054


116.2321, 0.3136,
0.3110

 35.2779, 0.3139,
0.3026


147.2303, 0.3135,
0.3123

 23.8770, 0.3139,
0.2991


183.3011, 0.3135,
0.3135

 15.2424, 0.3140,
0.2945

224.8290, 0.3134,
0.3145

 8.9897, 0.3141,
0.2883

272.1983, 0.3134,
0.3154

 4.7345, 0.3142,
0.2793

325.7934, 0.3134,

 2.0923, 0.3140,

0.3162

0.2654

385.9987, 0.3133,
0.3168

0.6603, 0.3152,
0.2357

0.0000, 0.0000,
0.0000

67.9161, 0.3137,
0.3076

67.9161, 0.3137,
0.3076

57.4715, 0.3148,
0.2826

79.9821, 0.3126,
0.3320

48.5710, 0.3160,
0.2576

93.7253, 0.3115,
0.3553

41.1439, 0.3171,
0.2336

93.8545, 0.3115,
0.3554

35.1107, 0.3181,
0.2114

93.8596, 0.3115,
0.3554

30.3845, 0.3190,
0.1921

93.8647, 0.3116,
0.3554

26.8686, 0.3196,
0.1764

93.8698, 0.3116,
0.3554

24.4528, 0.3201,
0.1649

93.8749, 0.3116,
0.3554

23.0070, 0.3204,
0.1577

93.8800, 0.3116,
0.3554

22.3356, 0.3206,
0.1543

93.8851, 0.3116,
0.3554

Harmonies

Analogous

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



67.9161, 0.2983, 0.3026



67.9161, 0.3137, 0.3076



67.9161, 0.3292, 0.3179

Triad

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



67.9161, 0.3137, 0.3076



67.9161, 0.3388, 0.3537



67.9161, 0.2859, 0.3258

Complementary

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



67.9161, 0.3137, 0.3076



74.2222, 0.3117, 0.3514

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.



67.9161, 0.2962, 0.3404



67.9161, 0.3137, 0.3076



67.9161, 0.3268, 0.3567

Square

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



67.9161, 0.3137, 0.3076



67.9161, 0.3439, 0.3442



67.9161, 0.3111, 0.3518



67.9161, 0.2825, 0.3127

Rectangle

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



67.9161, 0.3137, 0.3076



67.9161, 0.3373, 0.3266



67.9161, 0.3111, 0.3518



67.9161, 0.2886, 0.3307

Sweetspot

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



67.9190, 0.3137, 0.3076



95.2138, 0.3131, 0.3217



64.9782, 0.2992, 0.3070



20.1129, 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.



67.9190, 0.3137, 0.3076



84.7892, 0.3138, 0.3044



67.3972, 0.3205, 0.3178



14.6142, 0.3138, 0.3058



12.7301, 0.3206, 0.1540



0.9410, 0.3206, 0.1540

Inverse Universe

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



66.8689, 0.3279, 0.3290



83.2628, 0.3304, 0.3290



74.7128, 0.3056, 0.3404



14.3683, 0.3292, 0.3290



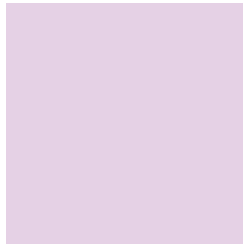
9.5248, 0.6399, 0.3299



0.7040, 0.6395, 0.3297

Previews

White Background



This preview shows how the Yxy color 67.9161, 0.3137, 0.3076 looks on a white background.

Color Contrast Check

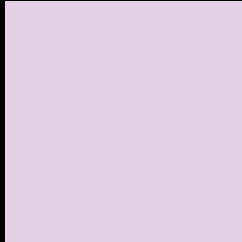
Large Text (above 18pt) WCAG AA × Fail

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 67.9161, 0.3137, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

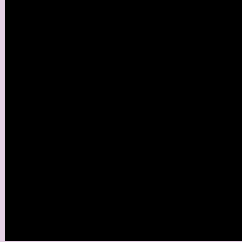
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

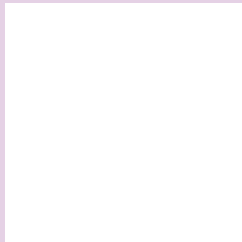
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9161, 0.3137, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 67.9161, 0.3137, 0.3076.



This preview shows how white text looks on a background with the Yxy color 67.9161, 0.3137, 0.3076.

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

67.9161, 0.3137, 0.3076

Protanopia

68.2155, 0.3008, 0.3093

Deuteranopia

68.0811, 0.3145, 0.3077



Tritanopia

68.2422, 0.3157, 0.3119

Trichromacy



Original Color

67.9161, 0.3137, 0.3076

Protanomaly

67.9166, 0.3050, 0.3083

Deuteranomaly

68.0811, 0.3145, 0.3077

Tritanomaly

68.2973, 0.3150, 0.3108

Monochromacy



Original Color

67.9161, 0.3137, 0.3076

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6857, 0.3131, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9161, 0.3137, 0.3076 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(229, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 229)  
}
```

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(229, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.9161, 0.3137, 0.3076 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(229, 209, 229) }
```

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

```
.border{ border-color:rgb(229, 209, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 209, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9161, 0.3137, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 229) }
```

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

```
.background{ background-color: rgb(229,  
209, 229) }
```

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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