

Converting Colors

$Yxy(67.8160, 0.3213, 0.3204)$

Have a look what the booklet for
Yxy(67.8160, 0.3213, 0.3204)
contains.

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Color

Yxy(67.8132, 0.3213, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	E5D2DA
RGB	229, 210, 218
RGB Percent	90%, 82%, 85%
CMY	0.1021, 0.1764, 0.1451
CMYK	0.00, 0.08, 0.05, 0.10
HSL	335°, 27%, 86%
HSV	335°, 8%, 90%
XYZ	68.0037, 67.8132, 75.8348
YIQ	216.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

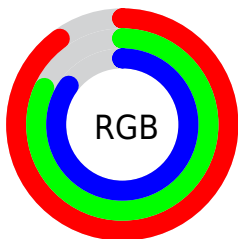
Format	Color
R _Y B	229, 210, 218
Decimal	15061722
CIE Lab	85.91, 7.92, -1.57
CIE LCh	86, 8.074, 348.783
Yxy	67.8132, 0.3213, 0.3204
Android (android.graphics.Color)	4293251802 (0xFFE5D2DA)
YUV	216.5930, 0.6937, 10.8809
Hunter-Lab	82.3488, 3.2951, 3.0441

Details

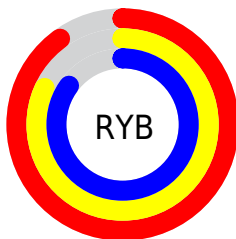
The Yxy color **67.8132, 0.3213, 0.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9376, 0.3049, 0.3378**, and the grayscale version is **69.0841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3055, 0.3230, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **56.6405, 0.3337, 0.3094**, and if you desaturate by 10%, it is **80.6646, 0.3111, 0.3307**.

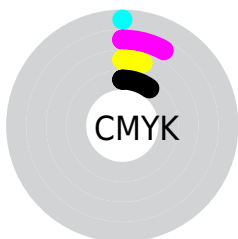
Distribution



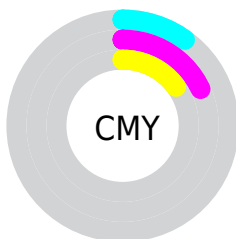
- Red (90%)
- Green (82%)
- Blue (85%)



- Red (90%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (10%)





- Cyan (10%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8132, 0.3213, 0.3204 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 67.8132, 0.3213, 0.3204 by changing the saturation by 10% instead.


 67.8132, 0.3213,
0.3204

 67.8132, 0.3213,
0.3204


452.8339, 0.3173,
0.3244

 49.7458, 0.3222,
0.3195


116.0849, 0.3199,
0.3218

 35.2114, 0.3234,
0.3183


147.0579, 0.3194,
0.3223

 23.8258, 0.3248,
0.3169


183.1016, 0.3189,
0.3228

 15.2044, 0.3268,
0.3149

224.6004, 0.3185,
0.3232

 8.9630, 0.3295,
0.3123

271.9386, 0.3181,
0.3236

 4.7171, 0.3334,
0.3084

325.5007, 0.3178,

 2.0822, 0.3398,

0.3239

385.6710, 0.3175,
0.3242

0.3022

0.6546, 0.3557,
0.2855

0.0000, 0.0000,
0.0000

67.8132, 0.3213,
0.3204

67.8132, 0.3213,
0.3204

56.6405, 0.3337,
0.3094

80.6646, 0.3111,
0.3307

47.0680, 0.3488,
0.2981

94.7322, 0.3027,
0.3395

39.0242, 0.3669,
0.2867

95.3906, 0.2969,
0.3290

32.4285, 0.3882,
0.2760

■ 27.1929, 0.4130,
0.2668

■ 23.2199, 0.4406,
0.2604

■ 20.3987, 0.4701,
0.2581

■ 18.5987, 0.4997,
0.2610

■ 17.6336, 0.5276,
0.2690

Harmonies

Analogous

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



67.8132, 0.3113, 0.3143



67.8132, 0.3213, 0.3204



67.8132, 0.3290, 0.3287

Triad

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



67.8132, 0.3213, 0.3204



67.8132, 0.3235, 0.3464



67.8132, 0.2935, 0.3203

Complementary

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



67.8132, 0.3213, 0.3204



74.9376, 0.3049, 0.3378

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.



67.8132, 0.2967, 0.3290



67.8132, 0.3213, 0.3204



67.8132, 0.3139, 0.3443

Square

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



67.8132, 0.3213, 0.3204



67.8132, 0.3303, 0.3438



67.8132, 0.3041, 0.3379



67.8132, 0.2954, 0.3142

Rectangle

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



67.8132, 0.3213, 0.3204



67.8132, 0.3318, 0.3345



67.8132, 0.3041, 0.3379



67.8132, 0.2940, 0.3230

Sweetspot

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



67.8162, 0.3213, 0.3204



96.6005, 0.3147, 0.3270



67.0911, 0.3077, 0.3084



20.7121, 0.3146, 0.3271



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.



67.8162, 0.3213, 0.3204



83.8818, 0.3233, 0.3185



68.0342, 0.3268, 0.3304



14.4683, 0.3227, 0.3191



10.0355, 0.5284, 0.2684



0.7598, 0.4909, 0.2478

Inverse Universe

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



67.8162, 0.3213, 0.3204



83.8818, 0.3233, 0.3185



74.6773, 0.3000, 0.3276



14.4683, 0.3227, 0.3191



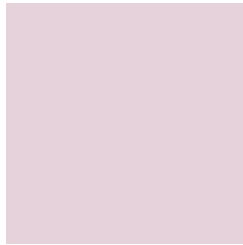
10.0355, 0.5284, 0.2684



0.7598, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 67.8132, 0.3213, 0.3204 looks on a white background.

Color Contrast Check

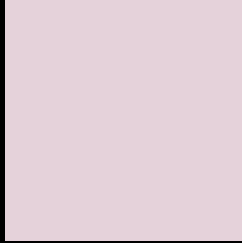
Large Text (above 18pt) WCAG AA × Fail

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 67.8132, 0.3213, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

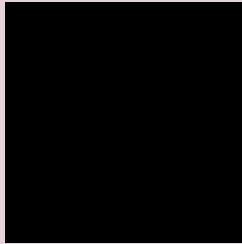
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

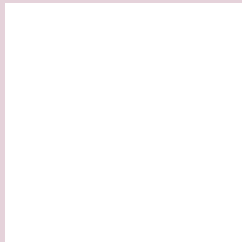
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8132, 0.3213, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 67.8132, 0.3213, 0.3204.



This preview shows how white text looks on a background with the Yxy color 67.8132, 0.3213, 0.3204.

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

67.8132, 0.3213, 0.3204

Protanopia

68.0122, 0.3108, 0.3224

Deuteranopia

67.6661, 0.3253, 0.3183



Tritanopia

67.8602, 0.3172, 0.3119

Trichromacy



Original Color

67.8132, 0.3213, 0.3204

Protanomaly

68.0751, 0.3145, 0.3224

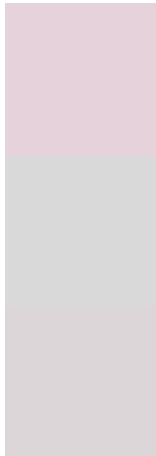
Deuteranomaly

67.8187, 0.3237, 0.3194

Tritanomaly

67.6978, 0.3193, 0.3151

Monochromacy



Original Color

67.8132, 0.3213, 0.3204

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4750, 0.3158, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8132, 0.3213, 0.3204 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, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 218)  
}
```

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, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 218) }
```

Border

The CSS property to change the border of an element to Yxy 67.8132, 0.3213, 0.3204 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, 210, 218) }
```

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

```
.border{ border-color:rgb(229, 210, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8132, 0.3213, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 218) }
```

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

```
.background{ background-color: rgb(229,  
210, 218) }
```

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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