

Converting Colors

Yxy(66.4726, 0.3180, 0.3186)

Have a look what the booklet for
Yxy(66.4726, 0.3180, 0.3186)
contains.

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Color

Yxy(66.6704, 0.3184, 0.3192)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E1D1DA |
| RGB | 225, 209, 218 |
| RGB Percent | 88%, 82%, 85% |
| CMY | 0.1177, 0.1804, 0.1451 |
| CMYK | 0.00, 0.07, 0.03, 0.12 |
| HSL | 326°, 21%, 85% |
| HSV | 326°, 7%, 88% |
| XYZ | 66.5033, 66.6704, 75.6935 |
| YIQ | 214.8100, 6.6470, 6.1910 |

Conversions

Conversions Part 2

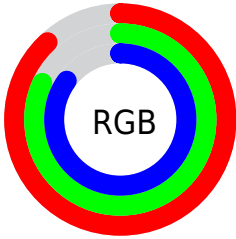
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 225, 209, 218 |
| Decimal | 14799322 |
| CIELab | 85.34, 7.09, -2.45 |
| CIELCh | 85, 7.500, 340.909 |
| Yxy | 66.6704, 0.3184, 0.3192 |
| Android (android.graphics.Color) | 4292989402 (0xFFE1D1DA) |
| YUV | 214.8100, 1.5727, 8.9366 |
| Hunter-Lab | 81.6519, 2.4925, 2.1930 |

Details

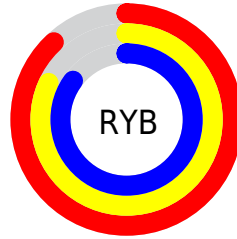
The Yxy color **66.6704, 0.3184, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3576, 0.3074, 0.3390**, and the grayscale version is **67.8063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6331, 0.3202, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **55.9013, 0.3278, 0.3048**, and if you desaturate by 10%, it is **79.0348, 0.3106, 0.3329**.

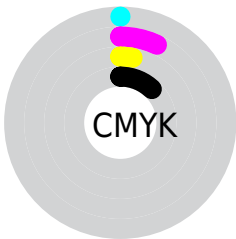
Distribution



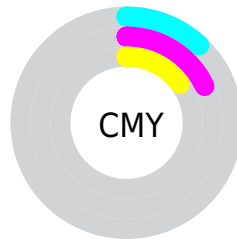
- Red (88%)
- Green (82%)
- Blue (85%)



- Red (88%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6704, 0.3184, 0.3192 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 66.6704, 0.3184, 0.3192 by changing the saturation by 10% instead.

66.6704, 0.3184,
0.3192

66.6704, 0.3184,
0.3192

448.7707, 0.3157,
0.3238

48.8168, 0.3190,
0.3181

114.4480, 0.3175,
0.3208

34.4742, 0.3198,
0.3168

145.1408, 0.3171,
0.3214

23.2581, 0.3207,
0.3152

180.8822, 0.3168,
0.3219

14.7842, 0.3220,
0.3130

222.0564, 0.3165,
0.3224

8.6681, 0.3238,
0.3099

269.0480, 0.3163,
0.3228

4.5253, 0.3264,
0.3055

322.2413, 0.3161,

1.9715, 0.3306,

0.3232

0.2983

382.0207, 0.3159,
0.3235

0.5909, 0.3432,
0.2761

0.0000, 0.0000,
0.0000

66.6704, 0.3184,
0.3192

66.6704, 0.3184,
0.3192

55.9013, 0.3278,
0.3048

79.0348, 0.3106,
0.3329

46.6533, 0.3389,
0.2898

93.0476, 0.3041,
0.3456

38.8592, 0.3521,
0.2749

94.2724, 0.2987,
0.3365

32.4435, 0.3674,
0.2606

94.7454, 0.2946,
0.3289

■ 27.3236, 0.3848,
0.2479

■ 23.4080, 0.4041,
0.2379

■ 20.5933, 0.4246,
0.2320

■ 18.7583, 0.4455,
0.2310

■ 17.7446, 0.4659,
0.2354

Harmonies

Analogous

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



66.6704, 0.3090, 0.3143



66.6704, 0.3184, 0.3192



66.6704, 0.3264, 0.3266

Triad

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



66.6704, 0.3184, 0.3192



66.6704, 0.3248, 0.3451



66.6704, 0.2951, 0.3229

Complementary

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



66.6704, 0.3184, 0.3192



72.3576, 0.3074, 0.3390

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.



66.6704, 0.2992, 0.3313



66.6704, 0.3184, 0.3192



66.6704, 0.3163, 0.3442

Square

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



66.6704, 0.3184, 0.3192



66.6704, 0.3301, 0.3415



66.6704, 0.3069, 0.3391



66.6704, 0.2956, 0.3163

Rectangle

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



66.6704, 0.3184, 0.3192



66.6704, 0.3298, 0.3321



66.6704, 0.3069, 0.3391



66.6704, 0.2960, 0.3256

Sweetspot

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



66.6733, 0.3184, 0.3192



96.6463, 0.3143, 0.3263



65.6301, 0.3069, 0.3113



20.7214, 0.3142, 0.3264



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.



66.6733, 0.3184, 0.3192



85.5919, 0.3201, 0.3164



66.2681, 0.3240, 0.3279



13.8291, 0.3204, 0.3159



10.1256, 0.4688, 0.2356



0.7198, 0.4398, 0.2196

Inverse Universe

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



66.6733, 0.3184, 0.3192



85.5919, 0.3201, 0.3164



72.7775, 0.3024, 0.3301



13.8291, 0.3204, 0.3159



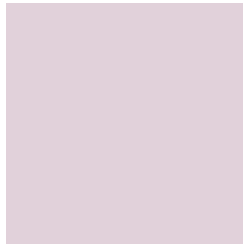
10.1256, 0.4688, 0.2356



0.7198, 0.4398, 0.2196

Previews

White Background



This preview shows how the Yxy color 66.6704, 0.3184, 0.3192 looks on a white background.

Color Contrast Check

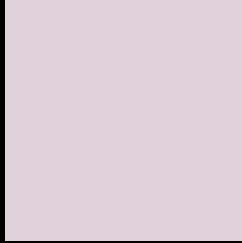
Large Text (above 18pt) WCAG AA × Fail

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 66.6704, 0.3184, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

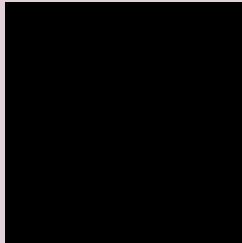
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

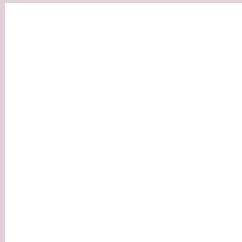
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6704, 0.3184, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 66.6704, 0.3184, 0.3192.



This preview shows how white text looks on a background with the Yxy color 66.6704, 0.3184, 0.3192.

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

66.6704, 0.3184, 0.3192

Protanopia

66.7013, 0.3095, 0.3201

Deuteranopia

66.6765, 0.3231, 0.3172



Tritanopia

66.6623, 0.3150, 0.3117

Trichromacy



Original Color

66.6704, 0.3184, 0.3192

Protanomaly

66.7631, 0.3131, 0.3202

Deuteranomaly

66.8317, 0.3215, 0.3182

Tritanomaly

66.5544, 0.3164, 0.3138

Monochromacy



Original Color

66.6704, 0.3184, 0.3192

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.6064, 0.3151, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6704, 0.3184, 0.3192 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(225, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(225, 209, 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(225, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 209, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.6704, 0.3184, 0.3192 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(225, 209, 218) }
```

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

```
.border{ border-color:rgb(225, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 209,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6704, 0.3184, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 209, 218) }
```

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

```
.background{ background-color: rgb(225,  
209, 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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