

Converting Colors

Yxy(65.5594, 0.3185, 0.3201)

Have a look what the booklet for
Yxy(65.5594, 0.3185, 0.3201)
contains.

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Color

Yxy(65.7576, 0.3184, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	DFD0D8
RGB	223, 208, 216
RGB Percent	87%, 82%, 85%
CMY	0.1254, 0.1843, 0.1529
CMYK	0.00, 0.07, 0.03, 0.13
HSL	328°, 19%, 85%
HSV	328°, 7%, 87%
XYZ	65.3879, 65.7576, 74.2186
YIQ	213.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

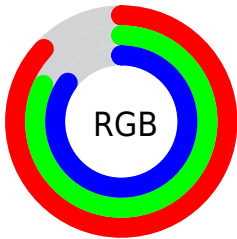
Format	Color
R _Y B	223, 208, 216
Decimal	14667992
CIE Lab	84.87, 6.59, -2.10
CIE LCh	85, 6.920, 342.370
Yxy	65.7576, 0.3184, 0.3202
Android (android.graphics.Color)	4292858072 (0xFFDFD0D8)
YUV	213.3970, 1.2833, 8.4218
Hunter-Lab	81.0911, 2.0245, 2.4986

Details

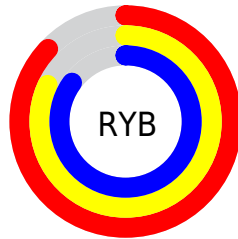
The Yxy color $65.7576, 0.3184, 0.3202$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1039, 0.3074, 0.3380$, and the grayscale version is $66.8109, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0092, 0.3201, 0.3189$ is the 20% darker color. If you saturate the color by 10%, you get $55.1180, 0.3283, 0.3065$, and if you desaturate by 10%, it is $77.9661, 0.3102, 0.3331$.

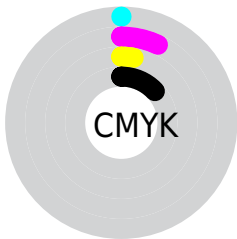
Distribution



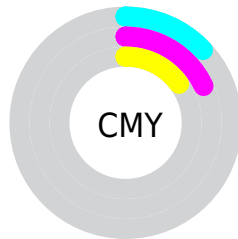
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7576, 0.3184, 0.3202 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 65.7576, 0.3184, 0.3202 by changing the saturation by 10% instead.


 65.7576, 0.3184,
0.3202

 65.7576, 0.3184,
0.3202

445.5095, 0.3157,
0.3243

 48.0757, 0.3190,
0.3192

113.1384, 0.3175,
0.3216

 33.8868, 0.3198,
0.3181


143.6060, 0.3171,
0.3222

 22.8067, 0.3208,
0.3165


179.1042, 0.3168,
0.3227

 14.4508, 0.3221,
0.3145

220.0176, 0.3165,
0.3231

 8.4349, 0.3239,
0.3118

266.7304, 0.3163,
0.3235

 4.3745, 0.3265,
0.3077

319.6270, 0.3161,

 1.8852, 0.3308,

0.3238

0.3011

379.0919, 0.3159,
0.3241

0.5394, 0.3460,
0.2771

0.0000, 0.0000,
0.0000

65.7576, 0.3184,
0.3202

65.7576, 0.3184,
0.3202

55.1180, 0.3283,
0.3065

77.9661, 0.3102,
0.3331

45.9747, 0.3401,
0.2924

91.7952, 0.3034,
0.3452

38.2619, 0.3541,
0.2781

93.9414, 0.2977,
0.3368

31.9058, 0.3704,
0.2645

94.4316, 0.2935,
0.3289

■ 26.8257, 0.3891,
0.2524

■ 22.9324, 0.4099,
0.2429

■ 20.1251, 0.4322,
0.2374

■ 18.2856, 0.4549,
0.2369

■ 17.2633, 0.4771,
0.2419

Harmonies

Analogous

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



65.7576, 0.3097, 0.3155



65.7576, 0.3184, 0.3202



65.7576, 0.3257, 0.3271

Triad

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



65.7576, 0.3184, 0.3202



65.7576, 0.3236, 0.3439



65.7576, 0.2963, 0.3230

Complementary

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



65.7576, 0.3184, 0.3202



71.1039, 0.3074, 0.3380

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.



65.7576, 0.2999, 0.3307



65.7576, 0.3184, 0.3202



65.7576, 0.3156, 0.3430

Square

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



65.7576, 0.3184, 0.3202



65.7576, 0.3287, 0.3408



65.7576, 0.3069, 0.3381



65.7576, 0.2970, 0.3170

Rectangle

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



65.7576, 0.3184, 0.3202



65.7576, 0.3287, 0.3322



65.7576, 0.3069, 0.3381



65.7576, 0.2970, 0.3255

Sweetspot

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



65.7605, 0.3184, 0.3202



96.6367, 0.3143, 0.3264



64.8499, 0.3074, 0.3123



20.7195, 0.3143, 0.3265



0.0000, 0.0000, 0.0000



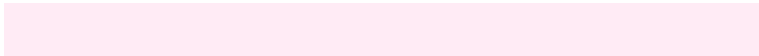
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7605, 0.3184, 0.3202



87.0698, 0.3196, 0.3184



65.3930, 0.3236, 0.3282



13.8221, 0.3209, 0.3166



10.0296, 0.4811, 0.2424



0.7132, 0.4497, 0.2251

Inverse Universe

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



65.7605, 0.3184, 0.3202



87.0698, 0.3196, 0.3184



71.4856, 0.3028, 0.3298



13.8221, 0.3209, 0.3166



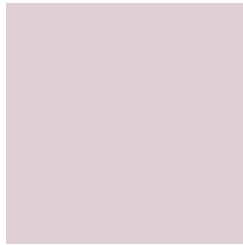
10.0296, 0.4811, 0.2424



0.7132, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 65.7576, 0.3184, 0.3202 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 65.7576, 0.3184, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

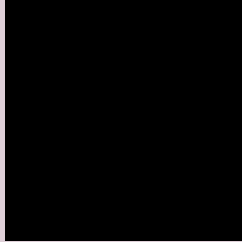
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

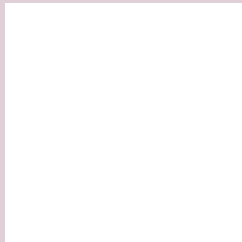
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7576, 0.3184, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 65.7576, 0.3184, 0.3202.



This preview shows how white text looks on a background with the Yxy color 65.7576, 0.3184, 0.3202.

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

65.7576, 0.3184, 0.3202

Protanopia

65.9466, 0.3101, 0.3212

Deuteranopia

65.4954, 0.3232, 0.3160



Tritanopia

65.8007, 0.3143, 0.3116

Trichromacy



Original Color

65.7576, 0.3184, 0.3202

Protanomaly

65.8547, 0.3131, 0.3212

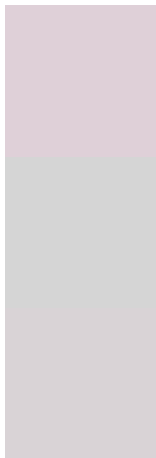
Deuteranomaly

65.4833, 0.3209, 0.3170

Tritanomaly

65.6402, 0.3164, 0.3148

Monochromacy



Original Color

65.7576, 0.3184, 0.3202

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1953, 0.3151, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7576, 0.3184, 0.3202 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(223, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 208, 216)  
}
```

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(223, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 216) }
```

Border

The CSS property to change the border of an element to Yxy 65.7576, 0.3184, 0.3202 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(223, 208, 216) }
```

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

```
.border{ border-color:rgb(223, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7576, 0.3184, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 216) }
```

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

```
.background{ background-color: rgb(223,  
208, 216) }
```

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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