

Converting Colors

$Yxy(65.1376, 0.3156, 0.3250)$

Have a look what the booklet for
Yxy(65.1376, 0.3156, 0.3250)
contains.

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Color

Yxy(65.0040, 0.3152, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D8D1D5
RGB	216, 209, 213
RGB Percent	85%, 82%, 84%
CMY	0.1527, 0.1804, 0.1647
CMYK	0.00, 0.03, 0.01, 0.15
HSL	326°, 8%, 83%
HSV	326°, 3%, 85%
XYZ	63.1410, 65.0040, 72.1755
YIQ	211.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

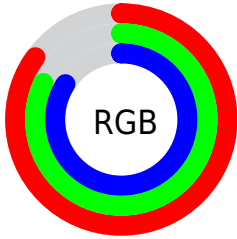
Format	Color
RYB	216, 209, 213
Decimal	14209493
CIELab	84.49, 3.15, -1.13
CIELCh	84, 3.345, 340.208
Yxy	65.0040, 0.3152, 0.3245
Android (android.graphics.Color)	4292399573 (0xFFD8D1D5)
YUV	211.5490, 0.7153, 3.9035
Hunter-Lab	80.6251, -1.3027, 3.3612

Details

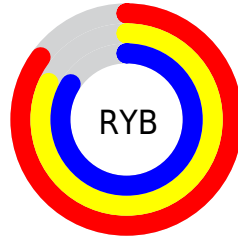
The Yxy color **65.0040, 0.3152, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4458, 0.3103, 0.3335**, and the grayscale version is **65.5231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4884, 0.3159, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **54.6561, 0.3238, 0.3102**, and if you desaturate by 10%, it is **76.8222, 0.3081, 0.3380**.

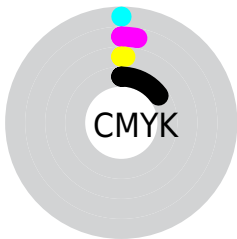
Distribution



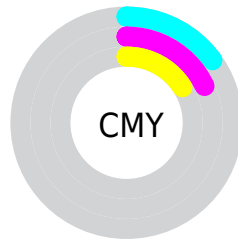
- Red (85%)
- Green (82%)
- Blue (84%)



- Red (85%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0040, 0.3152, 0.3245 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 65.0040, 0.3152, 0.3245 by changing the saturation by 10% instead.

■ 65.0040, 0.3152,
0.3245

■ 65.0040, 0.3152,
0.3245

442.8063, 0.3140,
0.3266

■ 47.4643, 0.3155,
0.3240

112.0556, 0.3148,
0.3252

■ 33.4029, 0.3158,
0.3234

142.3363, 0.3146,
0.3255

■ 22.4352, 0.3162,
0.3226

177.6329, 0.3145,
0.3258

■ 14.1771, 0.3168,
0.3215

218.3296, 0.3144,
0.3260

■ 8.2439, 0.3176,
0.3201

264.8109, 0.3143,
0.3262

■ 4.2514, 0.3188,
0.3179

317.4612, 0.3142,

■ 1.8152, 0.3208,

0.3263

0.3144

376.6649, 0.3141,
0.3265

0.4966, 0.3296,
0.2982

0.0000, 0.0000,
0.0000

65.0040, 0.3152,
0.3245

65.0040, 0.3152,
0.3245

54.6561, 0.3238,
0.3102

76.8222, 0.3081,
0.3380

45.7121, 0.3341,
0.2953

90.1568, 0.3021,
0.3505

38.1131, 0.3462,
0.2802

92.4723, 0.2970,
0.3435

31.7926, 0.3604,
0.2654

93.0422, 0.2920,
0.3338

■ 26.6785, 0.3767,
0.2518

■ 93.3465, 0.2895,
0.3289

■ 22.6916, 0.3949,
0.2405

■ 19.7428, 0.4145,
0.2327

■ 17.7296, 0.4349,
0.2295

■ 16.5282, 0.4552,
0.2316

Harmonies

Analogous

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



65.0040, 0.3110, 0.3223



65.0040, 0.3152, 0.3245



65.0040, 0.3188, 0.3279

Triad

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



65.0040, 0.3152, 0.3245



65.0040, 0.3182, 0.3362



65.0040, 0.3048, 0.3264

Complementary

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



65.0040, 0.3152, 0.3245



67.4458, 0.3103, 0.3335

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.



65.0040, 0.3067, 0.3301



65.0040, 0.3152, 0.3245



65.0040, 0.3144, 0.3358

Square

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



65.0040, 0.3152, 0.3245



65.0040, 0.3205, 0.3346



65.0040, 0.3102, 0.3336



65.0040, 0.3050, 0.3234

Rectangle

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



65.0040, 0.3152, 0.3245



65.0040, 0.3203, 0.3304



65.0040, 0.3102, 0.3336



65.0040, 0.3052, 0.3276

Sweetspot

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



65.0068, 0.3152, 0.3245



98.3133, 0.3135, 0.3276



64.5430, 0.3100, 0.3210



21.0609, 0.3134, 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.



65.0068, 0.3152, 0.3245



93.3842, 0.3158, 0.3234



64.8343, 0.3176, 0.3284



13.6004, 0.3163, 0.3225



9.5096, 0.4656, 0.2339



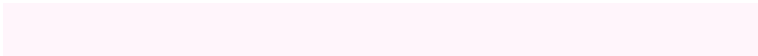
0.5900, 0.4339, 0.2164

Inverse Universe

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



65.0068, 0.3152, 0.3245



93.3842, 0.3158, 0.3234



67.6209, 0.3080, 0.3297



13.6004, 0.3163, 0.3225



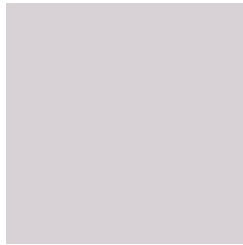
9.5096, 0.4656, 0.2339



0.5900, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 65.0040, 0.3152, 0.3245 looks on a white background.

Color Contrast Check

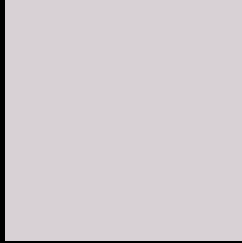
Large Text (above 18pt) WCAG AA × Fail

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 65.0040, 0.3152, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

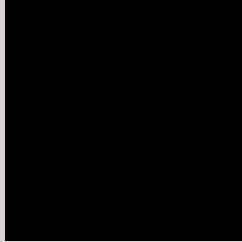
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

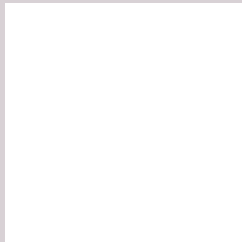
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0040, 0.3152, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 65.0040, 0.3152, 0.3245.

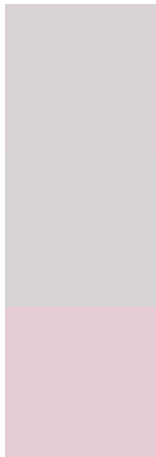


This preview shows how white text looks on a background with the Yxy color 65.0040, 0.3152, 0.3245.

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

65.0040, 0.3152, 0.3245

Protanopia

65.1934, 0.3136, 0.3256

Deuteranopia

64.8638, 0.3255, 0.3182



Tritanopia

64.9129, 0.3091, 0.3102

Trichromacy



Original Color

65.0040, 0.3152, 0.3245

Protanomaly

65.3444, 0.3144, 0.3256

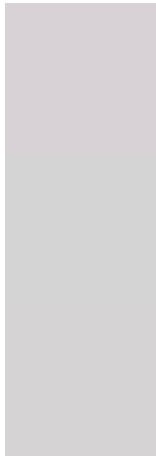
Deuteranomaly

65.0052, 0.3215, 0.3202

Tritanomaly

65.0308, 0.3111, 0.3157

Monochromacy



Original Color

65.0040, 0.3152, 0.3245

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4881, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0040, 0.3152, 0.3245 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(216, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 209, 213)  
}
```

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(216, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.0040, 0.3152, 0.3245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

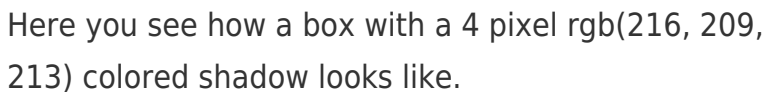
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 209, 213) }
```

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

```
.border{ border-color:rgb(216, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 209, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 209, 213); box-shadow:4px 4px 4px 4px rgb(216, 209, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0040, 0.3152, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 209, 213) }
```

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

```
.background{ background-color: rgb(216,  
209, 213) }
```

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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