

Converting Colors

Yxy(66.7381, 0.3116, 0.3242)

Have a look what the booklet for
Yxy(66.7381, 0.3116, 0.3242)
contains.

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Color

Yxy(66.5438, 0.3115, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	D7D4D9
RGB	215, 212, 217
RGB Percent	84%, 83%, 85%
CMY	0.1568, 0.1686, 0.1489
CMYK	0.01, 0.02, 0.00, 0.15
HSL	276°, 6%, 84%
HSV	276°, 2%, 85%
XYZ	64.0952, 66.5438, 75.1241
YIQ	213.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

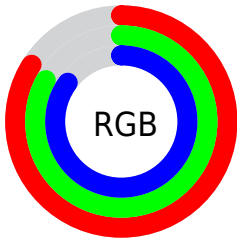
Format	Color
R _Y B	215, 212, 217
Decimal	14144729
CIE Lab	85.27, 1.94, -2.12
CIE LCh	85, 2.873, 312.494
Yxy	66.5438, 0.3115, 0.3234
Android (android.graphics.Color)	4292334809 (0xFFD7D4D9)
YUV	213.4670, 1.7418, 1.3444
Hunter-Lab	81.5744, -2.5029, 2.5003

Details

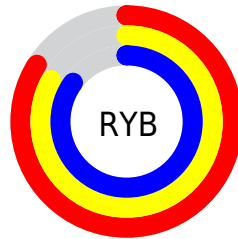
The Yxy color **66.5438, 0.3115, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6878, 0.3139, 0.3346**, and the grayscale version is **66.8593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1962, 0.3111, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **55.1325, 0.3056, 0.2980**, and if you desaturate by 10%, it is **79.4893, 0.3164, 0.3468**.

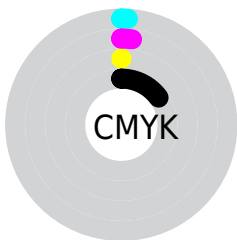
Distribution



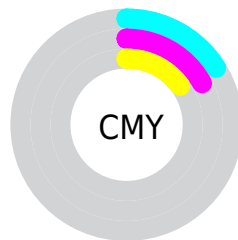
- Red (84%)
- Green (83%)
- Blue (85%)



- Red (84%)
- Yellow (83%)
- Blue (85%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5438, 0.3115, 0.3234 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 66.5438, 0.3115, 0.3234 by changing the saturation by 10% instead.

■ 66.5438, 0.3115,
0.3234

■ 66.5438, 0.3115,
0.3234

448.3192, 0.3121,
0.3260

■ 48.7140, 0.3114,
0.3228

114.2665, 0.3117,
0.3243

■ 34.3926, 0.3112,
0.3220

144.9281, 0.3118,
0.3247

■ 23.1954, 0.3110,
0.3211

180.6358, 0.3119,
0.3250

■ 14.7379, 0.3107,
0.3198

221.7740, 0.3119,
0.3252

■ 8.6356, 0.3103,
0.3180

268.7270, 0.3120,
0.3255

■ 4.5043, 0.3097,
0.3154

321.8793, 0.3120,

■ 1.9595, 0.3086,

0.3257

381.6152, 0.3120,
0.3259

0.3111

0.5838, 0.3057,
0.2964

0.0000, 0.0000,
0.0000

66.5438, 0.3115,
0.3234

66.5438, 0.3115,
0.3234

55.1325, 0.3056,
0.2980

79.4893, 0.3164,
0.3468

45.1880, 0.2988,
0.2710

93.7568, 0.3205,
0.3678

36.6503, 0.2908,
0.2428

95.2536, 0.3261,
0.3671

29.4523, 0.2818,
0.2142

96.8237, 0.3318,
0.3665

■ 23.5208, 0.2719,
0.1863

■ 97.7908, 0.3351,
0.3661

■ 18.7759, 0.2613,
0.1604

■ 15.1279, 0.2505,
0.1378

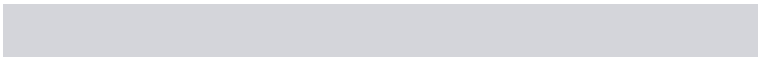
■ 12.4740, 0.2397,
0.1197

■ 10.6908, 0.2294,
0.1067

Harmonies

Analogous

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



66.5438, 0.3082, 0.3229



66.5438, 0.3115, 0.3234



66.5438, 0.3151, 0.3254

Triad

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



66.5438, 0.3115, 0.3234



66.5438, 0.3193, 0.3339



66.5438, 0.3074, 0.3297

Complementary

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



66.5438, 0.3115, 0.3234



68.6878, 0.3139, 0.3346

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.



66.5438, 0.3103, 0.3327



66.5438, 0.3115, 0.3234



66.5438, 0.3172, 0.3352

Square

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



66.5438, 0.3115, 0.3234



66.5438, 0.3196, 0.3314



66.5438, 0.3139, 0.3347



66.5438, 0.3059, 0.3266

Rectangle

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



66.5438, 0.3115, 0.3234



66.5438, 0.3172, 0.3272



66.5438, 0.3139, 0.3347



66.5438, 0.3083, 0.3308

Sweetspot

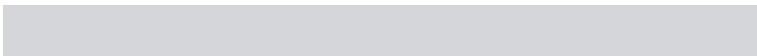
The Sweet Spot groups the original color and five complimentary colors.



66.5467, 0.3115, 0.3234



98.1903, 0.3122, 0.3266



67.1481, 0.3092, 0.3257



21.0358, 0.3122, 0.3267



0.0000, 0.0000, 0.0000



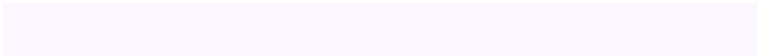
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5467, 0.3115, 0.3234



94.6384, 0.3111, 0.3217



66.8316, 0.3133, 0.3239



14.4565, 0.3107, 0.3198



5.9659, 0.2233, 0.1004



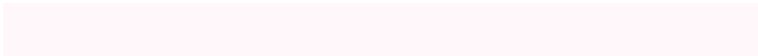
0.4362, 0.2390, 0.1090

Inverse Universe

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



66.6983, 0.3150, 0.3268



94.9242, 0.3158, 0.3261



68.4078, 0.3122, 0.3342



14.5116, 0.3166, 0.3253



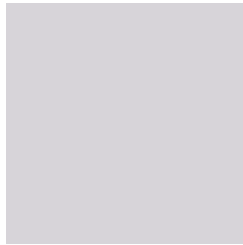
9.3666, 0.5362, 0.2728



0.6236, 0.4932, 0.2490

Previews

White Background



This preview shows how the Yxy color 66.5438, 0.3115, 0.3234 looks on a white background.

Color Contrast Check

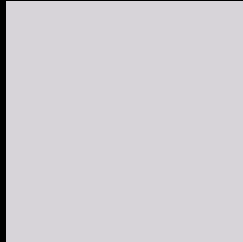
Large Text (above 18pt) WCAG AA × Fail

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 66.5438, 0.3115, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

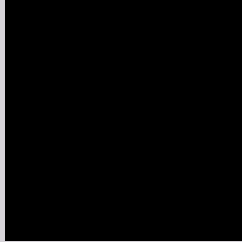
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

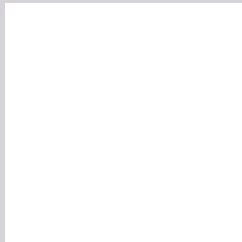
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5438, 0.3115, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 66.5438, 0.3115, 0.3234.

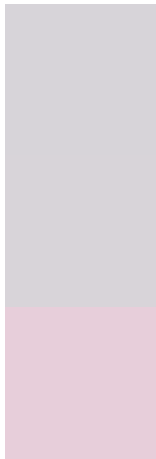


This preview shows how white text looks on a background with the Yxy color 66.5438, 0.3115, 0.3234.

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

66.5438, 0.3115, 0.3234

Protanopia

66.6957, 0.3122, 0.3234

Deuteranopia

66.1935, 0.3232, 0.3161



Tritanopia

66.3910, 0.3063, 0.3103

Trichromacy



Original Color

66.5438, 0.3115, 0.3234

Protanomaly

66.6957, 0.3122, 0.3234

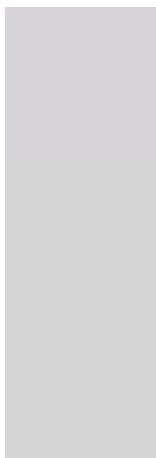
Deuteranomaly

66.1813, 0.3185, 0.3181

Tritanomaly

66.5152, 0.3082, 0.3157

Monochromacy



Original Color

66.5438, 0.3115, 0.3234

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7397, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5438, 0.3115, 0.3234 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(215, 212, 217)` looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 217)  
}
```

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(215, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 217) }
```

Border

The CSS property to change the border of an element to Yxy 66.5438, 0.3115, 0.3234 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(215, 212, 217) }
```

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

```
.border{ border-color:rgb(215, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5438, 0.3115, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 217) }
```

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

```
.background{ background-color: rgb(215,  
212, 217) }
```

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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