

Converting Colors

$Yxy(65.2640, 0.3170, 0.3362)$

Have a look what the booklet for
Yxy(65.2640, 0.3170, 0.3362)
contains.

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Color

Yxy(65.4918, 0.3175, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	D4D4CD
RGB	212, 212, 205
RGB Percent	83%, 83%, 80%
CMY	0.1688, 0.1685, 0.1961
CMYK	0.00, 0.00, 0.03, 0.17
HSL	61°, 8%, 82%
HSV	61°, 3%, 83%
XYZ	61.7022, 65.4918, 67.1437
YIQ	211.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

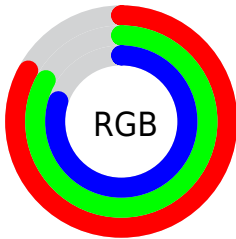
Format	Color
R _Y B	205, 212, 205
Decimal	13948109
CIE Lab	84.74, -1.27, 3.45
CIE LCh	85, 3.677, 110.249
Yxy	65.4918, 0.3175, 0.3370
Android (android.graphics.Color)	4292138189 (0xFFD4D4CD)
YUV	211.2020, -3.0576, 0.6998
Hunter-Lab	80.9270, -5.5262, 7.4571

Details

The Yxy color **65.4918, 0.3175, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4049, 0.3079, 0.3209**, and the grayscale version is **65.2981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5164, 0.3182, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **64.5055, 0.3323, 0.3617**, and if you desaturate by 10%, it is **66.6225, 0.3033, 0.3132**.

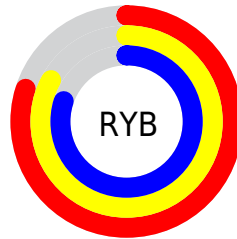
Distribution



Red (83%)

Green (83%)

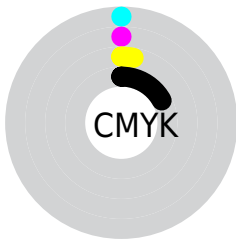
Blue (80%)



Red (80%)

Yellow (83%)

Blue (80%)

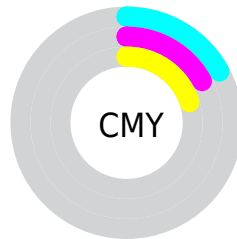


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4918, 0.3175, 0.3370 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 65.4918, 0.3175, 0.3370 by changing the saturation by 10% instead.

■ 65.4918, 0.3175,
0.3370

■ 65.4918, 0.3175,
0.3370

444.5572, 0.3153,
0.3332

■ 47.8600, 0.3180,
0.3379

112.7566, 0.3167,
0.3357

■ 33.7160, 0.3187,
0.3390

143.1584, 0.3164,
0.3352

■ 22.6755, 0.3195,
0.3404

178.5856, 0.3161,
0.3347

■ 14.3541, 0.3206,
0.3423

219.4227, 0.3159,
0.3343

■ 8.3674, 0.3222,
0.3449

266.0540, 0.3157,
0.3340

■ 4.3309, 0.3245,
0.3489

318.8639, 0.3155,

■ 1.8603, 0.3282,

0.3337

0.3555

378.2368, 0.3154,
0.3335

0.5244, 0.3537,
0.3968

0.0000, 0.0000,
0.0000

65.4918, 0.3175,
0.3370

65.4918, 0.3175,
0.3370

64.5055, 0.3323,
0.3617

66.6225, 0.3033,
0.3132

63.6497, 0.3473,
0.3869

67.8944, 0.2899,
0.2909

62.9212, 0.3620,
0.4117

68.4079, 0.2854,
0.2832

62.3137, 0.3760,
0.4353

68.4417, 0.2856,
0.2833

61.8203, 0.3886,
0.4566

68.4755, 0.2857,
0.2833

61.4334, 0.3993,
0.4748

68.5093, 0.2859,
0.2833

61.1444, 0.4076,
0.4890

68.5432, 0.2860,
0.2833

60.9435, 0.4133,
0.4990

68.5771, 0.2862,
0.2833

60.8189, 0.4164,
0.5046

68.6111, 0.2863,
0.2834

Harmonies

Analogous

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



65.4918, 0.3207, 0.3359



65.4918, 0.3175, 0.3370



65.4918, 0.3131, 0.3359

Triad

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



65.4918, 0.3175, 0.3370



65.4918, 0.3038, 0.3249



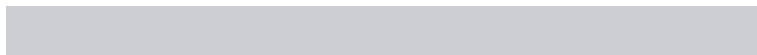
65.4918, 0.3169, 0.3252

Complementary

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



65.4918, 0.3175, 0.3370



61.4049, 0.3079, 0.3209

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.



65.4918, 0.3123, 0.3223



65.4918, 0.3175, 0.3370



65.4918, 0.3048, 0.3221

Square

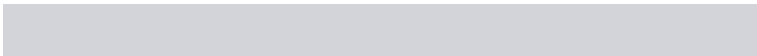
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4918, 0.3175, 0.3370



65.4918, 0.3052, 0.3288



65.4918, 0.3079, 0.3211



65.4918, 0.3203, 0.3291

Rectangle

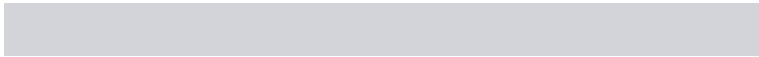
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4918, 0.3175, 0.3370



65.4918, 0.3100, 0.3341



65.4918, 0.3079, 0.3211



65.4918, 0.3154, 0.3241

Sweetspot

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



65.4946, 0.3175, 0.3370



99.8317, 0.3142, 0.3314



62.0690, 0.3181, 0.3290



21.3699, 0.3141, 0.3313



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.



65.4946, 0.3175, 0.3370



99.3398, 0.3186, 0.3388



64.9893, 0.3149, 0.3371



14.6190, 0.3195, 0.3404



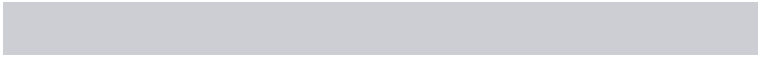
37.5074, 0.4175, 0.5067



2.2645, 0.4178, 0.5064

Inverse Universe

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



61.4049, 0.3079, 0.3209



91.7999, 0.3068, 0.3190



61.8995, 0.3104, 0.3209



13.3296, 0.3057, 0.3173



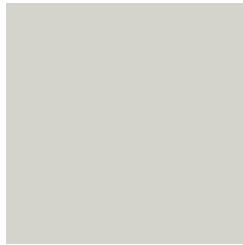
2.9463, 0.1504, 0.0602



0.1800, 0.1515, 0.0608

Previews

White Background



This preview shows how the Yxy color 65.4918, 0.3175, 0.3370 looks on a white background.

Color Contrast Check

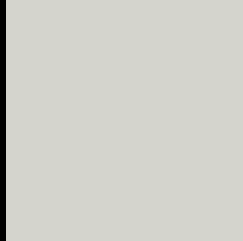
Large Text (above 18pt) WCAG AA × Fail

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 65.4918, 0.3175, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

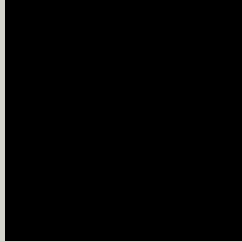
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

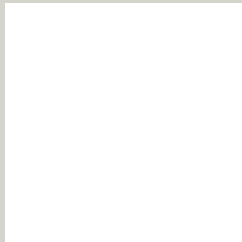
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4918, 0.3175, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 65.4918, 0.3175, 0.3370.

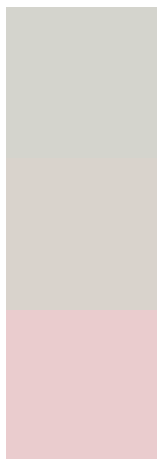


This preview shows how white text looks on a background with the Yxy color 65.4918, 0.3175, 0.3370.

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

65.4918, 0.3175, 0.3370

Protanopia

65.6999, 0.3221, 0.3369

Deuteranopia

65.1344, 0.3346, 0.3269



Tritanopia

65.4842, 0.3062, 0.3113

Trichromacy



Original Color

65.4918, 0.3175, 0.3370

Protanomaly

65.3952, 0.3206, 0.3369

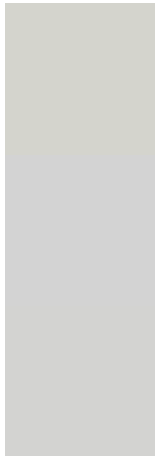
Deuteranomaly

65.2506, 0.3280, 0.3302

Tritanomaly

65.4513, 0.3102, 0.3200

Monochromacy



Original Color

65.4918, 0.3175, 0.3370

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0409, 0.3141, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4918, 0.3175, 0.3370 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(212, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 205)  
}
```

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(212, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.4918, 0.3175, 0.3370 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(212, 212, 205) }
```

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

```
.border{ border-color:rgb(212, 212, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4918, 0.3175, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 205) }
```

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

```
.background{ background-color: rgb(212,  
212, 205) }
```

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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