

Converting Colors

$Yxy(65.1548, 0.3188, 0.3386)$

Have a look what the booklet for
Yxy(65.1548, 0.3188, 0.3386)
contains.

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Color

Yxy(65.3958, 0.3189, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	D4D4CB
RGB	212, 212, 203
RGB Percent	83%, 83%, 80%
CMY	0.1688, 0.1686, 0.2039
CMYK	0.00, 0.00, 0.04, 0.17
HSL	60°, 10%, 81%
HSV	60°, 4%, 83%
XYZ	61.4640, 65.3958, 65.8776
YIQ	210.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

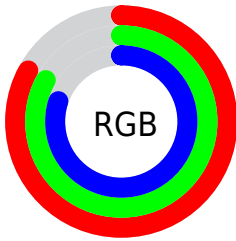
Format	Color
R _Y B	203, 212, 203
Decimal	13948107
CIE Lab	84.69, -1.62, 4.44
CIE LCh	85, 4.728, 110.019
Yxy	65.3958, 0.3189, 0.3393
Android (android.graphics.Color)	4292138187 (0xFFD4D4CB)
YUV	210.9740, -3.9312, 0.8998
Hunter-Lab	80.8677, -5.8484, 8.3077

Details

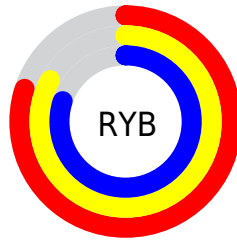
The Yxy color **65.3958, 0.3189, 0.3393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1673, 0.3064, 0.3185**, and the grayscale version is **65.1458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4520, 0.3200, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **64.4341, 0.3338, 0.3641**, and if you desaturate by 10%, it is **66.5015, 0.3046, 0.3154**.

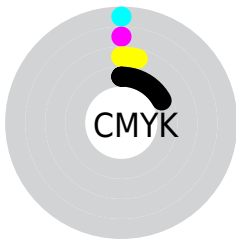
Distribution



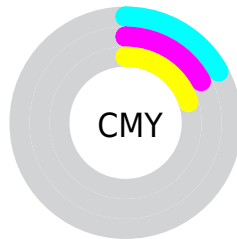
- Red (83%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3958, 0.3189, 0.3393 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 65.3958, 0.3189, 0.3393 by changing the saturation by 10% instead.

■ 65.3958, 0.3189,
0.3393

■ 65.3958, 0.3189,
0.3393

444.2129, 0.3160,
0.3344

■ 47.7821, 0.3196,
0.3404

112.6187, 0.3179,
0.3376

■ 33.6544, 0.3204,
0.3419

142.9967, 0.3175,
0.3369

■ 22.6282, 0.3215,
0.3437

178.3982, 0.3171,
0.3364

■ 14.3192, 0.3229,
0.3462

219.2077, 0.3169,
0.3359

■ 8.3430, 0.3249,
0.3496

265.8095, 0.3166,
0.3354

■ 4.3152, 0.3279,
0.3547

318.5881, 0.3164,

■ 1.8514, 0.3327,

0.3351

0.3632

377.9277, 0.3162,
0.3347

0.5189, 0.3697,
0.4229

0.0000, 0.0000,
0.0000

65.3958, 0.3189,
0.3393

65.3958, 0.3189,
0.3393

64.4341, 0.3338,
0.3641

66.5015, 0.3046,
0.3154

63.6022, 0.3488,
0.3892

67.7478, 0.2910,
0.2929

62.8970, 0.3636,
0.4139

68.3730, 0.2853,
0.2832

62.3122, 0.3775,
0.4373

68.3949, 0.2854,
0.2832

61.8407, 0.3900,
0.4583

68.4169, 0.2855,
0.2832

61.4749, 0.4006,
0.4760

68.4389, 0.2856,
0.2833

61.2062, 0.4087,
0.4898

68.4609, 0.2856,
0.2833

61.0246, 0.4142,
0.4993

68.4830, 0.2857,
0.2833

60.9179, 0.4172,
0.5045

68.5050, 0.2858,
0.2833

Harmonies

Analogous

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



65.3958, 0.3230, 0.3379



65.3958, 0.3189, 0.3393



65.3958, 0.3132, 0.3379

Triad

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



65.3958, 0.3189, 0.3393



65.3958, 0.3013, 0.3237



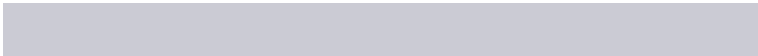
65.3958, 0.3180, 0.3241

Complementary

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



65.3958, 0.3189, 0.3393



60.1673, 0.3064, 0.3185

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.



65.3958, 0.3122, 0.3204



65.3958, 0.3189, 0.3393



65.3958, 0.3025, 0.3201

Square

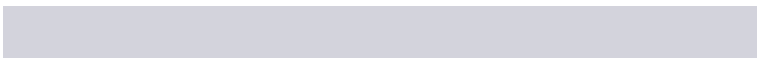
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3958, 0.3189, 0.3393



65.3958, 0.3030, 0.3288



65.3958, 0.3065, 0.3189



65.3958, 0.3225, 0.3291

Rectangle

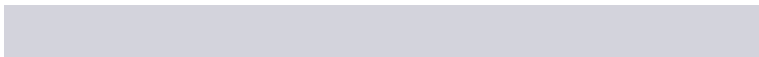
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.3958, 0.3189, 0.3393



65.3958, 0.3092, 0.3355



65.3958, 0.3065, 0.3189



65.3958, 0.3162, 0.3226

Sweetspot

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



65.3986, 0.3189, 0.3393



99.8335, 0.3142, 0.3314



61.0199, 0.3197, 0.3290



21.3702, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



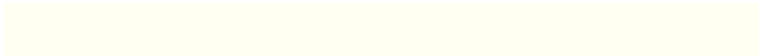
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3986, 0.3189, 0.3393



99.1890, 0.3201, 0.3412



64.7465, 0.3156, 0.3394



14.5987, 0.3210, 0.3427



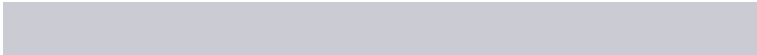
37.5777, 0.4181, 0.5062



2.2680, 0.4183, 0.5060

Inverse Universe

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



60.1673, 0.3064, 0.3185



89.8104, 0.3052, 0.3165



60.8013, 0.3098, 0.3186



13.0583, 0.3042, 0.3149



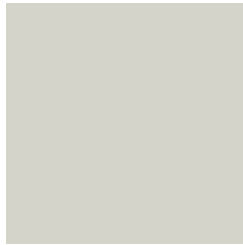
2.9422, 0.1502, 0.0601



0.1789, 0.1510, 0.0605

Previews

White Background



This preview shows how the Yxy color 65.3958, 0.3189, 0.3393 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 65.3958, 0.3189, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

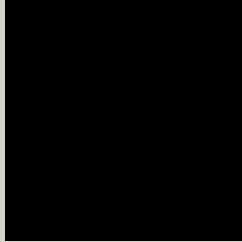
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

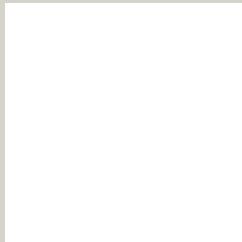
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3958, 0.3189, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 65.3958, 0.3189, 0.3393.

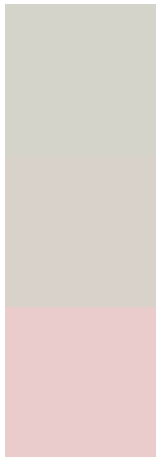


This preview shows how white text looks on a background with the Yxy color 65.3958, 0.3189, 0.3393.

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

65.3958, 0.3189, 0.3393

Protanopia

65.1092, 0.3236, 0.3381

Deuteranopia

65.0859, 0.3353, 0.3280



Tritanopia

65.4842, 0.3062, 0.3113

Trichromacy



Original Color

65.3958, 0.3189, 0.3393

Protanomaly

65.2999, 0.3220, 0.3392

Deuteranomaly

65.1540, 0.3294, 0.3324

Tritanomaly

65.3991, 0.3109, 0.3212

Monochromacy



Original Color

65.3958, 0.3189, 0.3393

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9915, 0.3148, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3958, 0.3189, 0.3393 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.3958, 0.3189, 0.3393 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, 203) }
```

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

```
.border{ border-color:rgb(212, 212, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3958, 0.3189, 0.3393 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, 203) }
```

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

```
.background{ background-color: rgb(212,  
212, 203) }
```

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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