

Converting Colors

Yxy(65.9903, 0.3191, 0.3358)

Have a look what the booklet for
Yxy(65.9903, 0.3191, 0.3358)
contains.

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Color

Yxy(65.9903, 0.3191, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	D7D4CE
RGB	215, 212, 206
RGB Percent	84%, 83%, 81%
CMY	0.1568, 0.1686, 0.1922
CMYK	0.00, 0.01, 0.04, 0.16
HSL	40°, 10%, 83%
HSV	40°, 4%, 84%
XYZ	62.7085, 65.9903, 67.8179
YIQ	212.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

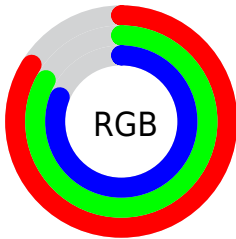
Format	Color
R _Y B	211, 215, 206
Decimal	14144718
CIE Lab	84.99, -0.03, 3.32
CIE LCh	85, 3.322, 90.532
Yxy	65.9903, 0.3191, 0.3358
Android (android.graphics.Color)	4292334798 (0xFFD7D4CE)
YUV	212.2130, -3.0630, 2.4442
Hunter-Lab	81.2344, -4.3681, 7.3663

Details

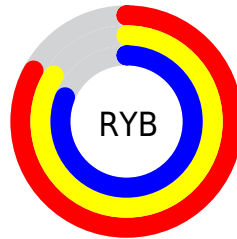
The Yxy color **65.9903, 0.3191, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6242, 0.3064, 0.3221**, and the grayscale version is **66.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8545, 0.3202, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **61.5186, 0.3355, 0.3526**, and if you desaturate by 10%, it is **70.7694, 0.3043, 0.3199**.

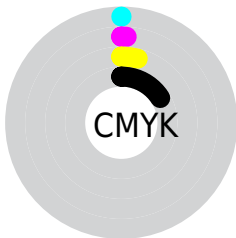
Distribution



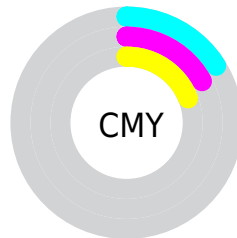
- Red (84%)
- Green (83%)
- Blue (81%)



- Red (83%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9903, 0.3191, 0.3358 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 65.9903, 0.3191, 0.3358 by changing the saturation by 10% instead.

■ 65.9903, 0.3191,
0.3358

■ 65.9903, 0.3191,
0.3358

446.3422, 0.3161,
0.3326

■ 48.2645, 0.3198,
0.3365

113.4724, 0.3180,
0.3347

■ 34.0364, 0.3207,
0.3375

143.9975, 0.3176,
0.3342

■ 22.9216, 0.3218,
0.3387

179.5579, 0.3173,
0.3339

■ 14.5356, 0.3233,
0.3403

220.5379, 0.3170,
0.3336

■ 8.4941, 0.3254,
0.3425

267.3220, 0.3167,
0.3333

■ 4.4127, 0.3284,
0.3457

320.2944, 0.3165,

■ 1.9070, 0.3335,

0.3330

379.8397, 0.3163,
0.3328

0.3511

0.5526, 0.3626,
0.3820

0.0000, 0.0000,
0.0000

65.9903, 0.3191,
0.3358

65.9903, 0.3191,
0.3358

61.5186, 0.3355,
0.3526

70.7694, 0.3043,
0.3199

57.3378, 0.3535,
0.3701

75.8546, 0.2911,
0.3050

53.4427, 0.3729,
0.3877

80.2177, 0.2879,
0.3065

49.8244, 0.3934,
0.4048

84.3643, 0.2883,
0.3141

■ 46.4737, 0.4146,
0.4205

■ 88.6773, 0.2886,
0.3215

■ 43.3803, 0.4355,
0.4336

■ 93.1587, 0.2889,
0.3289

■ 40.5330, 0.4551,
0.4431

■ 93.1880, 0.2889,
0.3289

■ 37.9194, 0.4725,
0.4480

■ 35.5243, 0.4868,
0.4478

Harmonies

Analogous

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



65.9903, 0.3208, 0.3337



65.9903, 0.3191, 0.3358



65.9903, 0.3157, 0.3361

Triad

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



65.9903, 0.3191, 0.3358



65.9903, 0.3053, 0.3276



65.9903, 0.3138, 0.3237

Complementary

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



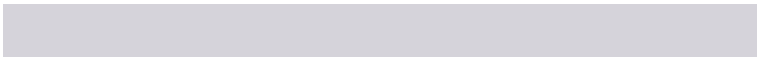
65.9903, 0.3191, 0.3358



63.6242, 0.3064, 0.3221

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.



65.9903, 0.3097, 0.3221



65.9903, 0.3191, 0.3358



65.9903, 0.3048, 0.3243

Square

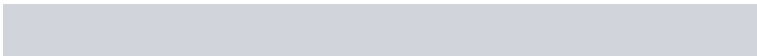
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9903, 0.3191, 0.3358



65.9903, 0.3077, 0.3313



65.9903, 0.3064, 0.3223



65.9903, 0.3177, 0.3267

Rectangle

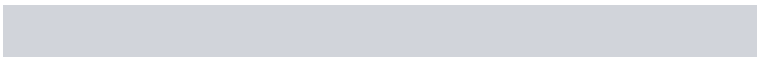
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9903, 0.3191, 0.3358



65.9903, 0.3130, 0.3352



65.9903, 0.3064, 0.3223



65.9903, 0.3124, 0.3230

Sweetspot

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



65.9932, 0.3191, 0.3358



99.2964, 0.3142, 0.3306



63.1894, 0.3174, 0.3256



21.2609, 0.3142, 0.3305



0.0000, 0.0000, 0.0000



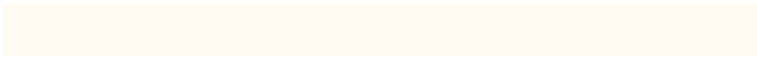
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9932, 0.3191, 0.3358



96.5273, 0.3204, 0.3372



67.2815, 0.3177, 0.3392



14.1603, 0.3214, 0.3382



20.6687, 0.4926, 0.4471



1.3959, 0.4768, 0.4596

Inverse Universe

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



63.6242, 0.3064, 0.3221



92.3545, 0.3051, 0.3207



62.3813, 0.3076, 0.3187



13.4750, 0.3041, 0.3196



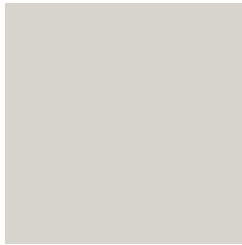
5.8491, 0.1636, 0.1088



0.5028, 0.1733, 0.1440

Previews

White Background



This preview shows how the Yxy color 65.9903, 0.3191, 0.3358 looks on a white background.

Color Contrast Check

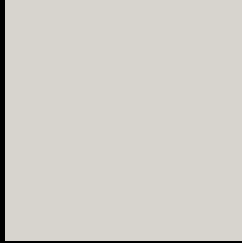
Large Text (above 18pt) WCAG AA × Fail

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 65.9903, 0.3191, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

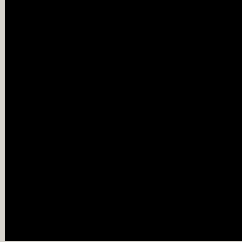
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

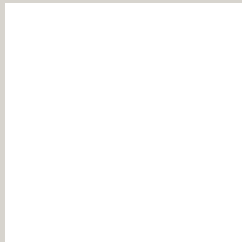
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9903, 0.3191, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 65.9903, 0.3191, 0.3358.

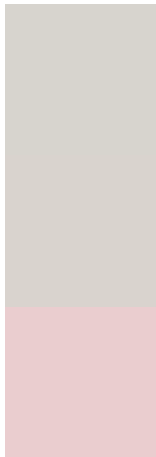


This preview shows how white text looks on a background with the Yxy color 65.9903, 0.3191, 0.3358.

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

65.9903, 0.3191, 0.3358

Protanopia

65.7965, 0.3207, 0.3346

Deuteranopia

65.6601, 0.3337, 0.3269



Tritanopia

65.9973, 0.3077, 0.3103

Trichromacy



Original Color

65.9903, 0.3191, 0.3358

Protanomaly

65.6437, 0.3199, 0.3347

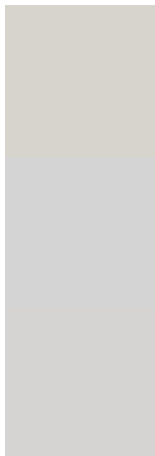
Deuteranomaly

65.9476, 0.3279, 0.3301

Tritanomaly

65.9594, 0.3117, 0.3190

Monochromacy



Original Color

65.9903, 0.3191, 0.3358

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8862, 0.3148, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9903, 0.3191, 0.3358 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.9903, 0.3191, 0.3358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

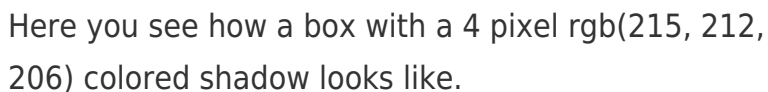
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 212, 206) }
```

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

```
.border{ border-color:rgb(215, 212, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 212, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 212, 206); box-shadow:4px 4px 4px 4px rgb(215, 212, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9903, 0.3191, 0.3358 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, 206) }
```

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

```
.background{ background-color: rgb(215,  
212, 206) }
```

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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