

Converting Colors

$Yxy(65.3991, 0.3145, 0.3370)$

Have a look what the booklet for
Yxy(65.3991, 0.3145, 0.3370)
contains.

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Color

Yxy(65.6000, 0.3146, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	D1D5CE
RGB	209, 213, 206
RGB Percent	82%, 84%, 81%
CMY	0.1802, 0.1647, 0.1922
CMYK	0.02, 0.00, 0.03, 0.16
HSL	94°, 8%, 82%
HSV	94°, 3%, 84%
XYZ	61.2396, 65.6000, 67.8191
YIQ	211.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

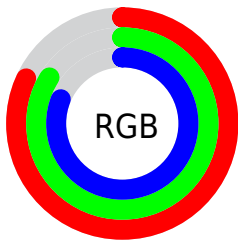
Format	Color
R_{YB}	206, 213, 210
Decimal	13751758
CIE Lab	84.79, -2.60, 2.98
CIE LCh	85, 3.950, 131.094
Yxy	65.6000, 0.3146, 0.3370
Android (android.graphics.Color)	4291941838 (0xFFD1D5CE)
YUV	211.0060, -2.4680, -1.7593
Hunter-Lab	80.9938, -6.7749, 7.0500

Details

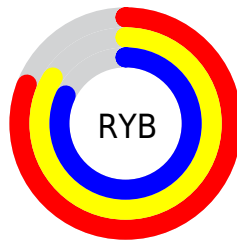
The Yxy color **65.6000, 0.3146, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6314, 0.3108, 0.3210**, and the grayscale version is **65.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6893, 0.3152, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **62.9555, 0.3203, 0.3629**, and if you desaturate by 10%, it is **68.5216, 0.3089, 0.3135**.

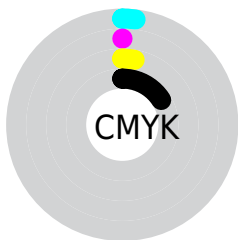
Distribution



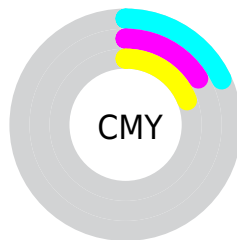
- Red (82%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6000, 0.3146, 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 65.6000, 0.3146, 0.3370 by changing the saturation by 10% instead.

■ 65.6000, 0.3146,
0.3370

■ 65.6000, 0.3146,
0.3370

444.9450, 0.3137,
0.3332

■ 47.9478, 0.3148,
0.3379

112.9120, 0.3143,
0.3357

■ 33.7855, 0.3151,
0.3390

143.3406, 0.3142,
0.3352

■ 22.7289, 0.3154,
0.3404

178.7968, 0.3141,
0.3347

■ 14.3934, 0.3158,
0.3423

219.6649, 0.3140,
0.3343

■ 8.3948, 0.3164,
0.3450

266.3294, 0.3139,
0.3340

■ 4.3486, 0.3172,
0.3490

319.1746, 0.3138,

■ 1.8704, 0.3186,

0.3337

378.5850, 0.3138,
0.3335

0.3557

0.5305, 0.3288,
0.3956

0.0000, 0.0000,
0.0000

65.6000, 0.3146,
0.3370

65.6000, 0.3146,
0.3370

62.9555, 0.3203,
0.3629

68.5216, 0.3089,
0.3135

60.5711, 0.3258,
0.3910

71.7199, 0.3034,
0.2923

58.4408, 0.3309,
0.4208

74.2092, 0.3076,
0.2871

56.5550, 0.3351,
0.4515

76.0636, 0.3146,
0.2881

■ 54.9036, 0.3380,
0.4820

■ 53.4755, 0.3394,
0.5108

■ 52.2588, 0.3388,
0.5361

■ 51.2397, 0.3361,
0.5564

■ 50.4024, 0.3316,
0.5709

Harmonies

Analogous

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



65.6000, 0.3191, 0.3375



65.6000, 0.3146, 0.3370



65.6000, 0.3096, 0.3343

Triad

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



65.6000, 0.3146, 0.3370



65.6000, 0.3036, 0.3223



65.6000, 0.3200, 0.3278

Complementary

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



65.6000, 0.3146, 0.3370



62.6314, 0.3108, 0.3210

Split Complementary

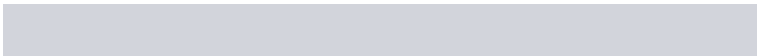
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.6000, 0.3158, 0.3238



65.6000, 0.3146, 0.3370



65.6000, 0.3064, 0.3206

Square

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



65.6000, 0.3146, 0.3370



65.6000, 0.3033, 0.3258



65.6000, 0.3108, 0.3212



65.6000, 0.3222, 0.3321

Rectangle

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



65.6000, 0.3146, 0.3370



65.6000, 0.3067, 0.3317



65.6000, 0.3108, 0.3212



65.6000, 0.3187, 0.3264

Sweetspot

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



65.6028, 0.3146, 0.3370



99.5661, 0.3133, 0.3314



64.6145, 0.3178, 0.3334



21.3158, 0.3133, 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.



65.6028, 0.3146, 0.3370



98.2894, 0.3150, 0.3389



65.1766, 0.3121, 0.3366



14.4390, 0.3154, 0.3406



30.5588, 0.3290, 0.5770



1.8917, 0.3427, 0.5661

Inverse Universe

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



62.6314, 0.3108, 0.3210



92.8262, 0.3103, 0.3192



63.0680, 0.3133, 0.3215



13.5047, 0.3099, 0.3175



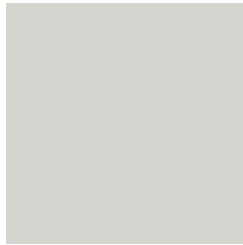
5.4217, 0.2155, 0.0961



0.3756, 0.2331, 0.1058

Previews

White Background



This preview shows how the Yxy color 65.6000, 0.3146, 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 65.6000, 0.3146, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

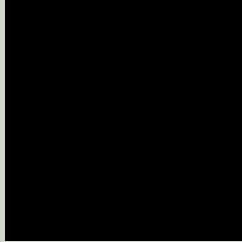
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

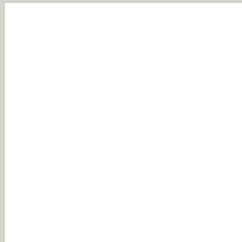
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6000, 0.3146, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 65.6000, 0.3146, 0.3370.

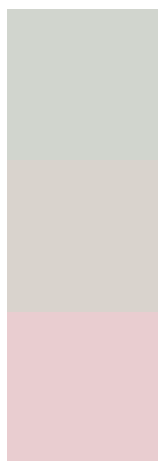


This preview shows how white text looks on a background with the Yxy color 65.6000, 0.3146, 0.3370.

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

65.6000, 0.3146, 0.3370

Protanopia

65.7480, 0.3214, 0.3358

Deuteranopia

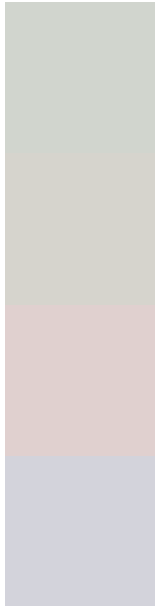
65.5403, 0.3322, 0.3258



Tritanopia

65.5812, 0.3033, 0.3112

Trichromacy



Original Color

65.6000, 0.3146, 0.3370

Protanomaly

65.7909, 0.3190, 0.3369

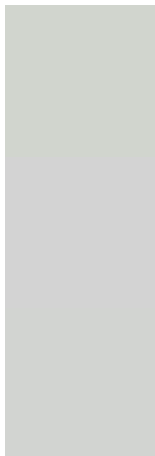
Deuteranomaly

65.4640, 0.3256, 0.3301

Tritanomaly

65.5519, 0.3073, 0.3200

Monochromacy



Original Color

65.6000, 0.3146, 0.3370

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3921, 0.3133, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6000, 0.3146, 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(209, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 213, 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(209, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 213, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.6000, 0.3146, 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(209, 213, 206) }
```

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

```
.border{ border-color:rgb(209, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 213,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6000, 0.3146, 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(209, 213, 206) }
```

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

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