

Converting Colors

Yxy(66.4619, 0.3157, 0.3382)

Have a look what the booklet for
Yxy(66.4619, 0.3157, 0.3382)
contains.

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Color

Yxy(66.3982, 0.3160, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	D3D6CE
RGB	211, 214, 206
RGB Percent	83%, 84%, 81%
CMY	0.1724, 0.1608, 0.1922
CMYK	0.01, 0.00, 0.04, 0.16
HSL	82°, 9%, 82%
HSV	82°, 4%, 84%
XYZ	62.0581, 66.3982, 67.9300
YIQ	212.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

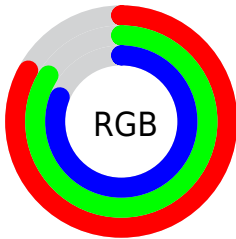
Format	Color
RYP	206, 214, 209
Decimal	13883086
CIELab	85.20, -2.44, 3.59
CIElCh	85, 4.335, 124.190
Yxy	66.3982, 0.3160, 0.3381
Android (android.graphics.Color)	4292073166 (0xFFD3D6CE)
YUV	212.1910, -3.0522, -1.0445
Hunter-Lab	81.4851, -6.6555, 7.6125

Details

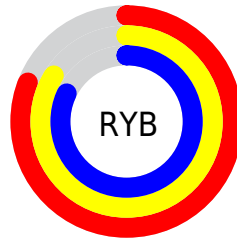
The Yxy color **66.3982, 0.3160, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5395, 0.3093, 0.3199**, and the grayscale version is **65.9968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2314, 0.3171, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **64.2923, 0.3249, 0.3637**, and if you desaturate by 10%, it is **68.7088, 0.3073, 0.3144**.

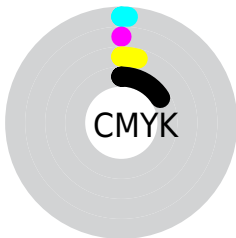
Distribution



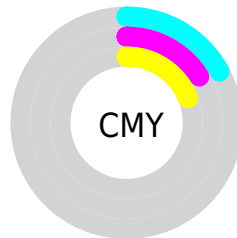
- Red (83%)
- Green (84%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3982, 0.3160, 0.3381 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 66.3982, 0.3160, 0.3381 by changing the saturation by 10% instead.

■ 66.3982, 0.3160,
0.3381

■ 66.3982, 0.3160,
0.3381

447.7996, 0.3145,
0.3338

■ 48.5957, 0.3164,
0.3391

114.0577, 0.3155,
0.3366

■ 34.2989, 0.3168,
0.3404

144.6834, 0.3153,
0.3360

■ 23.1233, 0.3174,
0.3420

180.3525, 0.3151,
0.3355

■ 14.6846, 0.3181,
0.3441

221.4491, 0.3149,
0.3351

■ 8.5983, 0.3191,
0.3471

268.3577, 0.3148,
0.3347

■ 4.4801, 0.3206,
0.3516

321.4627, 0.3147,

■ 1.9456, 0.3231,

0.3344

381.1486, 0.3146,
0.3341

0.3591

0.5756, 0.3388,
0.3999

0.0000, 0.0000,
0.0000

66.3982, 0.3160,
0.3381

66.3982, 0.3160,
0.3381

64.2923, 0.3249,
0.3637

68.7088, 0.3073,
0.3144

62.3759, 0.3336,
0.3909

71.2217, 0.2989,
0.2927

60.6452, 0.3419,
0.4190

72.9283, 0.3004,
0.2873

59.0926, 0.3493,
0.4473

74.3010, 0.3059,
0.2880

■ 57.7102, 0.3554,
0.4747

■ 75.7341, 0.3114,
0.2887

■ 56.4893, 0.3596,
0.4998

■ 76.5706, 0.3146,
0.2891

■ 55.4203, 0.3615,
0.5214

■ 54.4920, 0.3610,
0.5385

■ 53.6912, 0.3581,
0.5505

Harmonies

Analogous

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



66.3982, 0.3206, 0.3380



66.3982, 0.3160, 0.3381



66.3982, 0.3106, 0.3357

Triad

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



66.3982, 0.3160, 0.3381



66.3982, 0.3025, 0.3224



66.3982, 0.3197, 0.3266

Complementary

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



66.3982, 0.3160, 0.3381



62.5395, 0.3093, 0.3199

Split Complementary

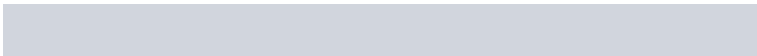
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.3982, 0.3148, 0.3225



66.3982, 0.3160, 0.3381



66.3982, 0.3049, 0.3201

Square

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



66.3982, 0.3160, 0.3381



66.3982, 0.3028, 0.3266



66.3982, 0.3094, 0.3201



66.3982, 0.3228, 0.3313

Rectangle

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



66.3982, 0.3160, 0.3381



66.3982, 0.3072, 0.3330



66.3982, 0.3094, 0.3201



66.3982, 0.3183, 0.3251

Sweetspot

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



66.4011, 0.3160, 0.3381



99.6587, 0.3136, 0.3314



64.3151, 0.3186, 0.3323



21.3347, 0.3136, 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.



66.4011, 0.3160, 0.3381



98.6532, 0.3163, 0.3388



65.8199, 0.3131, 0.3382



14.5012, 0.3169, 0.3405



32.2436, 0.3563, 0.5553



1.9911, 0.3673, 0.5466

Inverse Universe

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



62.5395, 0.3093, 0.3199



92.4638, 0.3091, 0.3191



63.1275, 0.3123, 0.3199



13.4428, 0.3084, 0.3174



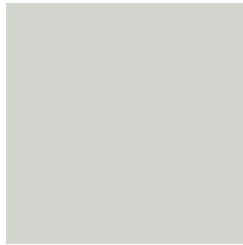
3.9936, 0.1802, 0.0766



0.2872, 0.1999, 0.0875

Previews

White Background



This preview shows how the Yxy color 66.3982, 0.3160, 0.3381 looks on a white background.

Color Contrast Check

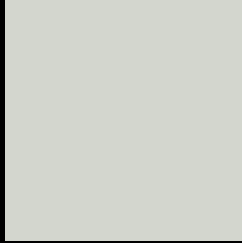
Large Text (above 18pt) WCAG AA × Fail

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 66.3982, 0.3160, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

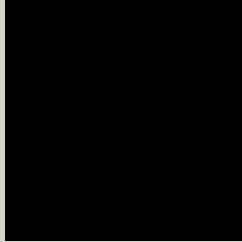
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

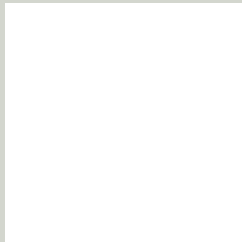
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3982, 0.3160, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 66.3982, 0.3160, 0.3381.

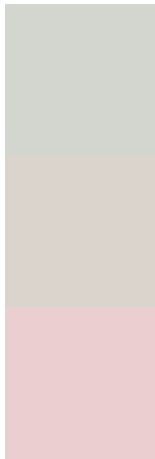


This preview shows how white text looks on a background with the Yxy color 66.3982, 0.3160, 0.3381.

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

66.3982, 0.3160, 0.3381

Protanopia

66.4002, 0.3220, 0.3369

Deuteranopia

66.3588, 0.3336, 0.3269



Tritanopia

66.4307, 0.3041, 0.3113

Trichromacy



Original Color

66.3982, 0.3160, 0.3381

Protanomaly

66.4434, 0.3197, 0.3380

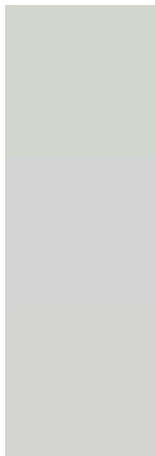
Deuteranomaly

66.2747, 0.3270, 0.3312

Tritanomaly

66.3476, 0.3087, 0.3212

Monochromacy



Original Color

66.3982, 0.3160, 0.3381

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2387, 0.3140, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3982, 0.3160, 0.3381 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(211, 214, 206) looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 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(211, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.3982, 0.3160, 0.3381 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(211, 214, 206) }
```

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

```
.border{ border-color:rgb(211, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3982, 0.3160, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 206) }
```

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

```
.background{ background-color: rgb(211,  
214, 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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