

Converting Colors

Yxy(67.0639, 0.3168, 0.3326)

Have a look what the booklet for
Yxy(67.0639, 0.3168, 0.3326)
contains.

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Color

Yxy(66.8406, 0.3170, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D8D5D2
RGB	216, 213, 210
RGB Percent	85%, 84%, 82%
CMY	0.1529, 0.1647, 0.1766
CMYK	0.00, 0.01, 0.03, 0.15
HSL	30°, 7%, 84%
HSV	30°, 3%, 85%
XYZ	63.7439, 66.8406, 70.5003
YIQ	213.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

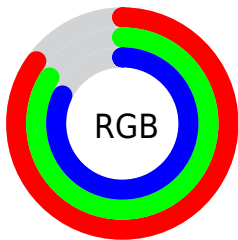
Format	Color
R _Y B	216, 216, 210
Decimal	14210514
CIE Lab	85.42, 0.49, 1.84
CIE LCh	85, 1.908, 75.113
Yxy	66.8406, 0.3170, 0.3324
Android (android.graphics.Color)	4292400594 (0xFFD8D5D2)
YUV	213.5550, -1.7526, 2.1443
Hunter-Lab	81.7561, -3.8996, 6.1020

Details

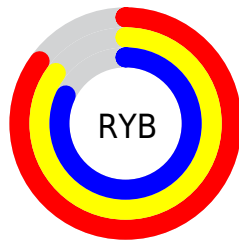
The Yxy color **66.8406, 0.3170, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2319, 0.3085, 0.3256**, and the grayscale version is **66.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4311, 0.3174, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **60.6131, 0.3338, 0.3451**, and if you desaturate by 10%, it is **73.5771, 0.3024, 0.3205**.

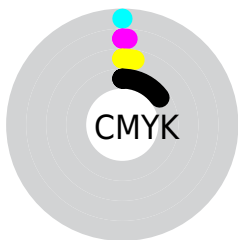
Distribution



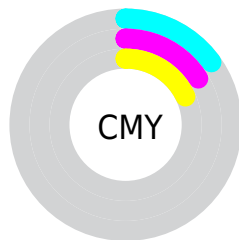
- Red (85%)
- Green (84%)
- Blue (82%)



- Red (85%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8406, 0.3170, 0.3324 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 66.8406, 0.3170, 0.3324 by changing the saturation by 10% instead.

■ 66.8406, 0.3170,
0.3324

■ 66.8406, 0.3170,
0.3324

449.3772, 0.3150,
0.3308

■ 48.9551, 0.3175,
0.3328

114.6920, 0.3163,
0.3318

■ 34.5839, 0.3181,
0.3332

145.4266, 0.3160,
0.3316

■ 23.3425, 0.3188,
0.3338

181.2132, 0.3158,
0.3314

■ 14.8466, 0.3198,
0.3346

222.4359, 0.3156,
0.3313

■ 8.7118, 0.3212,
0.3357

269.4793, 0.3154,
0.3311

■ 4.5537, 0.3232,
0.3373

322.7277, 0.3153,

■ 1.9879, 0.3266,

0.3310

382.5655, 0.3151,
0.3309

0.3399

0.6004, 0.3411,
0.3515

0.0000, 0.0000,
0.0000

66.8406, 0.3170,
0.3324

66.8406, 0.3170,
0.3324

60.6131, 0.3338,
0.3451

73.5771, 0.3024,
0.3205

54.8731, 0.3529,
0.3584

80.8259, 0.2896,
0.3095

49.6105, 0.3744,
0.3721

87.2615, 0.2890,
0.3189

44.8111, 0.3984,
0.3854

93.3392, 0.2894,
0.3289

■ 40.4603, 0.4243,
0.3977

■ 36.5424, 0.4516,
0.4079

■ 33.0403, 0.4790,
0.4147

■ 29.9354, 0.5048,
0.4168

■ 27.2065, 0.5273,
0.4135

Harmonies

Analogous

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



66.8406, 0.3173, 0.3308



66.8406, 0.3170, 0.3324



66.8406, 0.3155, 0.3331

Triad

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



66.8406, 0.3170, 0.3324



66.8406, 0.3091, 0.3293



66.8406, 0.3121, 0.3254

Complementary

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



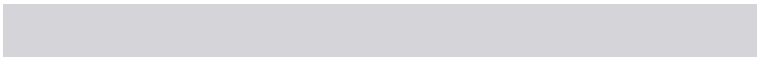
66.8406, 0.3170, 0.3324



66.2319, 0.3085, 0.3256

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.



66.8406, 0.3099, 0.3250



66.8406, 0.3170, 0.3324



66.8406, 0.3082, 0.3272

Square

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



66.8406, 0.3170, 0.3324



66.8406, 0.3109, 0.3313



66.8406, 0.3085, 0.3256



66.8406, 0.3145, 0.3267

Rectangle

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



66.8406, 0.3170, 0.3324



66.8406, 0.3141, 0.3330



66.8406, 0.3085, 0.3256



66.8406, 0.3113, 0.3251

Sweetspot

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



66.8435, 0.3170, 0.3324



99.0305, 0.3142, 0.3302



65.4859, 0.3151, 0.3256



21.2069, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



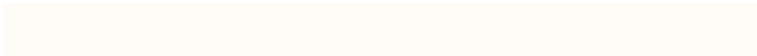
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8435, 0.3170, 0.3324



97.1141, 0.3174, 0.3327



68.3638, 0.3168, 0.3357



14.2046, 0.3185, 0.3336



15.2808, 0.5391, 0.4102



1.0872, 0.5129, 0.4309

Inverse Universe

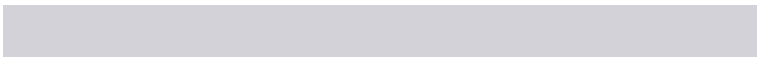
The Inverse Universe completely reimagines the original color for something new.



66.2319, 0.3085, 0.3256



96.1483, 0.3081, 0.3253



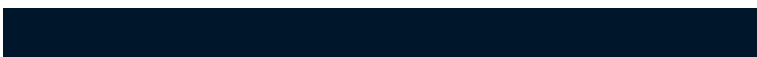
64.7397, 0.3086, 0.3222



14.0285, 0.3070, 0.3243



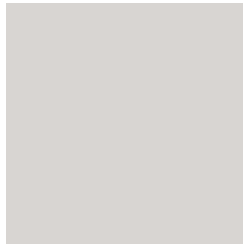
9.4236, 0.1772, 0.1578



0.7339, 0.1859, 0.1893

Previews

White Background



This preview shows how the Yxy color 66.8406, 0.3170, 0.3324 looks on a white background.

Color Contrast Check

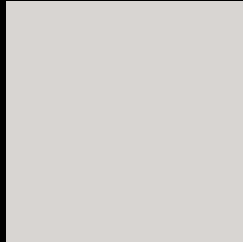
Large Text (above 18pt) WCAG AA × Fail

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 66.8406, 0.3170, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

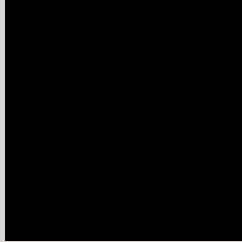
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

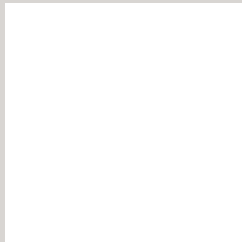
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8406, 0.3170, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 66.8406, 0.3170, 0.3324.

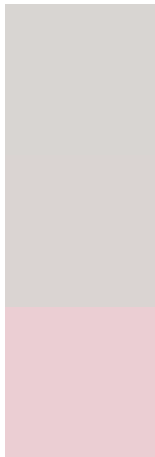


This preview shows how white text looks on a background with the Yxy color 66.8406, 0.3170, 0.3324.

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

66.8406, 0.3170, 0.3324

Protanopia

66.6455, 0.3185, 0.3313

Deuteranopia

66.5079, 0.3314, 0.3237



Tritanopia

66.6993, 0.3077, 0.3104

Trichromacy



Original Color

66.8406, 0.3170, 0.3324

Protanomaly

66.4918, 0.3178, 0.3313

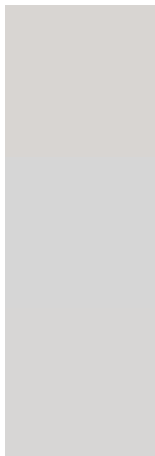
Deuteranomaly

66.7981, 0.3257, 0.3269

Tritanomaly

66.7144, 0.3110, 0.3180

Monochromacy



Original Color

66.8406, 0.3170, 0.3324

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3443, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8406, 0.3170, 0.3324 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(216, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 210)  
}
```

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(216, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 210) }
```

Border

The CSS property to change the border of an element to Yxy 66.8406, 0.3170, 0.3324 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(216, 213, 210) }
```

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

```
.border{ border-color:rgb(216, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8406, 0.3170, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 210) }
```

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

```
.background{ background-color: rgb(216,  
213, 210) }
```

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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