

Converting Colors

Yxy(66.4039, 0.3183, 0.3409)

Have a look what the booklet for
Yxy(66.4039, 0.3183, 0.3409)
contains.

Yxy(66.4498, 0.3181, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.4498, 0.3181, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	D4D6CC
RGB	212, 214, 204
RGB Percent	83%, 84%, 80%
CMY	0.1686, 0.1608, 0.2001
CMYK	0.01, 0.00, 0.05, 0.16
HSL	72°, 11%, 82%
HSV	72°, 5%, 84%
XYZ	62.0966, 66.4498, 66.6645
YIQ	212.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

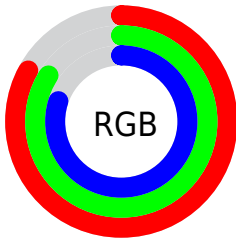
Format	Color
RYB	204, 214, 206
Decimal	13948620
CIELab	85.23, -2.46, 4.70
CIELCh	85, 5.303, 117.626
Yxy	66.4498, 0.3181, 0.3404
Android (android.graphics.Color)	4292138700 (0xFFD4D6CC)
YUV	212.2620, -4.0732, -0.2298
Hunter-Lab	81.5167, -6.6793, 8.5743

Details

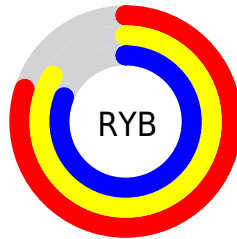
The Yxy color **66.4498, 0.3181, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1478, 0.3072, 0.3174**, and the grayscale version is **66.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1664, 0.3189, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **64.8711, 0.3298, 0.3657**, and if you desaturate by 10%, it is **68.1920, 0.3067, 0.3165**.

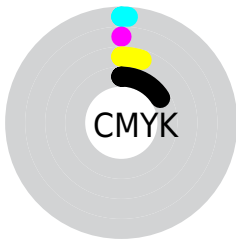
Distribution



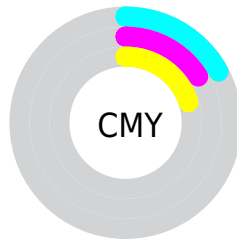
- Red (83%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4498, 0.3181, 0.3404 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 66.4498, 0.3181, 0.3404 by changing the saturation by 10% instead.

■ 66.4498, 0.3181,
0.3404

■ 66.4498, 0.3181,
0.3404

447.9838, 0.3156,
0.3350

■ 48.6376, 0.3187,
0.3417

114.1317, 0.3172,
0.3385

■ 34.3321, 0.3194,
0.3432

144.7702, 0.3169,
0.3378

■ 23.1489, 0.3203,
0.3453

180.4529, 0.3166,
0.3372

■ 14.7035, 0.3216,
0.3480

221.5642, 0.3163,
0.3366

■ 8.6115, 0.3233,
0.3517

268.4886, 0.3161,
0.3361

■ 4.4887, 0.3257,
0.3573

321.6104, 0.3159,

■ 1.9505, 0.3298,

0.3357

381.3140, 0.3157,
0.3353

0.3667

0.5785, 0.3576,
0.4224

0.0000, 0.0000,
0.0000

66.4498, 0.3181,
0.3404

66.4498, 0.3181,
0.3404

64.8711, 0.3298,
0.3657

68.1920, 0.3067,
0.3165

63.4414, 0.3415,
0.3920

70.0947, 0.2959,
0.2943

62.1575, 0.3527,
0.4186

71.2878, 0.2936,
0.2864

61.0125, 0.3631,
0.4445

71.9796, 0.2965,
0.2868

■ 59.9992, 0.3721,
0.4688

■ 72.6886, 0.2994,
0.2872

■ 59.1096, 0.3790,
0.4902

■ 73.4149, 0.3024,
0.2875

■ 58.3347, 0.3837,
0.5079

■ 74.1585, 0.3053,
0.2879

■ 57.6641, 0.3857,
0.5212

■ 74.9198, 0.3083,
0.2883

■ 57.0850, 0.3852,
0.5298

■ 75.6986, 0.3113,
0.2886

Harmonies

Analogous

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



66.4498, 0.3233, 0.3396



66.4498, 0.3181, 0.3404



66.4498, 0.3115, 0.3381

Triad

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



66.4498, 0.3181, 0.3404



66.4498, 0.3000, 0.3219



66.4498, 0.3201, 0.3248

Complementary

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



66.4498, 0.3181, 0.3404



61.1478, 0.3072, 0.3174

Split Complementary

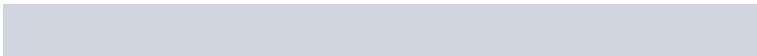
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4498, 0.3138, 0.3202



66.4498, 0.3181, 0.3404



66.4498, 0.3022, 0.3185

Square

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



66.4498, 0.3181, 0.3404



66.4498, 0.3011, 0.3273



66.4498, 0.3073, 0.3179



66.4498, 0.3245, 0.3306

Rectangle

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



66.4498, 0.3181, 0.3404



66.4498, 0.3072, 0.3350



66.4498, 0.3073, 0.3179



66.4498, 0.3182, 0.3231

Sweetspot

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



66.4527, 0.3181, 0.3404



99.7408, 0.3139, 0.3314



62.7092, 0.3203, 0.3311



21.3514, 0.3138, 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.



66.4527, 0.3181, 0.3404



98.4808, 0.3197, 0.3438



65.7415, 0.3145, 0.3405



14.4889, 0.3203, 0.3451



34.3764, 0.3848, 0.5327



2.1059, 0.3911, 0.5277

Inverse Universe

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



61.1478, 0.3072, 0.3174



88.3727, 0.3055, 0.3139



61.8538, 0.3108, 0.3176



12.8742, 0.3048, 0.3126



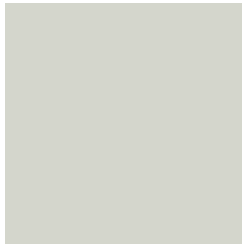
3.2743, 0.1601, 0.0656



0.2326, 0.1765, 0.0746

Previews

White Background



This preview shows how the Yxy color 66.4498, 0.3181, 0.3404 looks on a white background.

Color Contrast Check

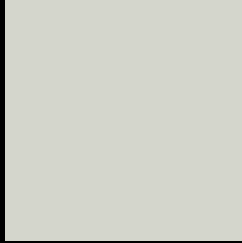
Large Text (above 18pt) WCAG AA × Fail

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 66.4498, 0.3181, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

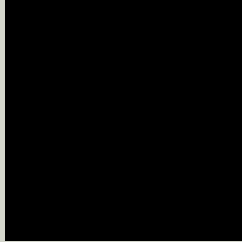
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

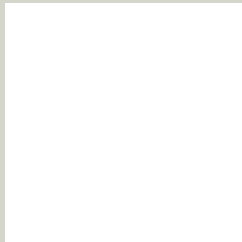
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4498, 0.3181, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 66.4498, 0.3181, 0.3404.

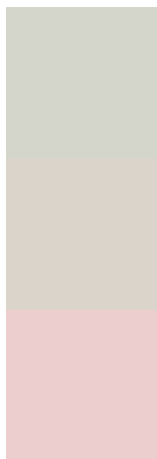


This preview shows how white text looks on a background with the Yxy color 66.4498, 0.3181, 0.3404.

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

66.4498, 0.3181, 0.3404

Protanopia

66.4588, 0.3242, 0.3391

Deuteranopia

66.4317, 0.3359, 0.3291



Tritanopia

66.7335, 0.3055, 0.3114

Trichromacy



Original Color

66.4498, 0.3181, 0.3404

Protanomaly

66.4992, 0.3218, 0.3403

Deuteranomaly

66.3396, 0.3292, 0.3335

Tritanomaly

66.6485, 0.3102, 0.3212

Monochromacy



Original Color

66.4498, 0.3181, 0.3404

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1890, 0.3147, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4498, 0.3181, 0.3404 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, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.4498, 0.3181, 0.3404 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, 214, 204) }
```

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

```
.border{ border-color:rgb(212, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4498, 0.3181, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 204) }
```

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

```
.background{ background-color: rgb(212,  
214, 204) }
```

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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