

Converting Colors

$Yxy(64.5122, 0.3138, 0.3387)$

Have a look what the booklet for
Yxy(64.5122, 0.3138, 0.3387)
contains.

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Color

Yxy(64.5684, 0.3138, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	CED4CC
RGB	206, 212, 204
RGB Percent	81%, 83%, 80%
CMY	0.1919, 0.1687, 0.1999
CMYK	0.03, 0.00, 0.04, 0.17
HSL	105°, 8%, 82%
HSV	105°, 4%, 83%
XYZ	59.9100, 64.5684, 66.4394
YIQ	209.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

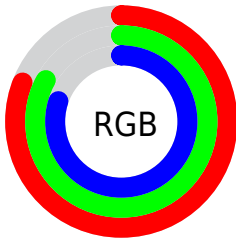
Format	Color
RYB	204, 212, 210
Decimal	13554892
CIELab	84.26, -3.46, 3.23
CIElCh	84, 4.728, 136.954
Yxy	64.5684, 0.3138, 0.3382
Android (android.graphics.Color)	4291744972 (0xFFCED4CC)
YUV	209.2940, -2.6099, -2.8888
Hunter-Lab	80.3545, -7.5358, 7.2254

Details

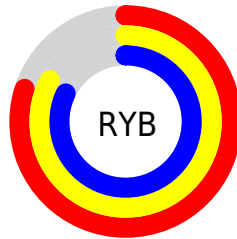
The Yxy color **64.5684, 0.3138, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6370, 0.3116, 0.3199**, and the grayscale version is **63.9879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9914, 0.3142, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **61.4790, 0.3166, 0.3646**, and if you desaturate by 10%, it is **68.0277, 0.3109, 0.3146**.

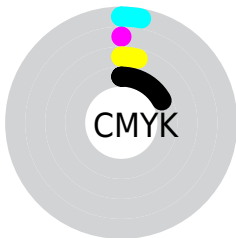
Distribution



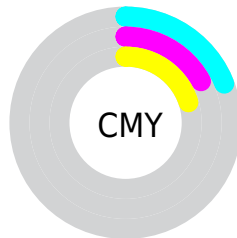
- Red (81%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (83%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5684, 0.3138, 0.3382 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 64.5684, 0.3138, 0.3382 by changing the saturation by 10% instead.

■ 64.5684, 0.3138,
0.3382

■ 64.5684, 0.3138,
0.3382

441.2394, 0.3133,
0.3338

■ 47.1112, 0.3139,
0.3392

111.4291, 0.3136,
0.3367

■ 33.1236, 0.3141,
0.3405

141.6014, 0.3136,
0.3361

■ 22.2211, 0.3142,
0.3422

176.7809, 0.3135,
0.3356

■ 14.0195, 0.3145,
0.3444

217.3519, 0.3135,
0.3351

■ 8.1342, 0.3148,
0.3475

263.6989, 0.3134,
0.3347

■ 4.1809, 0.3152,
0.3523

316.2062, 0.3134,

■ 1.7753, 0.3159,

0.3344

0.3602

375.2582, 0.3133,
0.3341

0.4717, 0.3239,
0.4198

0.0000, 0.0000,
0.0000

64.5684, 0.3138,
0.3382

64.5684, 0.3138,
0.3382

61.4790, 0.3166,
0.3646

68.0277, 0.3109,
0.3146

58.7389, 0.3191,
0.3937

71.8601, 0.3080,
0.2938

56.3382, 0.3212,
0.4252

75.2406, 0.3135,
0.2869

54.2631, 0.3226,
0.4580

75.5601, 0.3147,
0.2871

■ 52.4991, 0.3231,
0.4910

■ 51.0302, 0.3224,
0.5223

■ 49.8392, 0.3204,
0.5497

■ 48.9068, 0.3171,
0.5713

■ 48.2108, 0.3129,
0.5858

Harmonies

Analogous

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



64.5684, 0.3194, 0.3393



64.5684, 0.3138, 0.3382



64.5684, 0.3079, 0.3345

Triad

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



64.5684, 0.3138, 0.3382



64.5684, 0.3022, 0.3203



64.5684, 0.3222, 0.3286

Complementary

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



64.5684, 0.3138, 0.3382



61.6370, 0.3116, 0.3199

Split Complementary

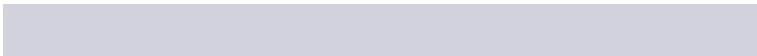
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.5684, 0.3175, 0.3236



64.5684, 0.3138, 0.3382



64.5684, 0.3060, 0.3189

Square

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



64.5684, 0.3138, 0.3382



64.5684, 0.3013, 0.3242



64.5684, 0.3116, 0.3201



64.5684, 0.3243, 0.3337

Rectangle

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



64.5684, 0.3138, 0.3382



64.5684, 0.3046, 0.3312



64.5684, 0.3116, 0.3201



64.5684, 0.3209, 0.3268

Sweetspot

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



64.5712, 0.3138, 0.3382



99.4793, 0.3130, 0.3314



64.3794, 0.3184, 0.3357



21.2982, 0.3130, 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.



64.5712, 0.3138, 0.3382



97.4534, 0.3142, 0.3415



64.3694, 0.3110, 0.3361



14.3133, 0.3143, 0.3430



29.6030, 0.3110, 0.5913



1.8255, 0.3237, 0.5812

Inverse Universe

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



61.6370, 0.3116, 0.3199



91.5167, 0.3112, 0.3167



61.8464, 0.3145, 0.3220



13.3383, 0.3110, 0.3152



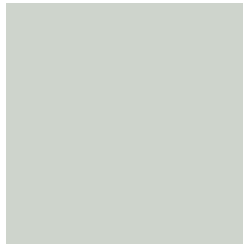
7.4407, 0.2570, 0.1189



0.4874, 0.2685, 0.1253

Previews

White Background



This preview shows how the Yxy color 64.5684, 0.3138, 0.3382 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 64.5684, 0.3138, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

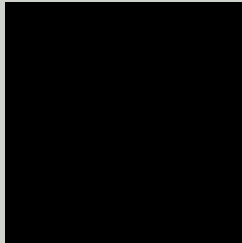
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

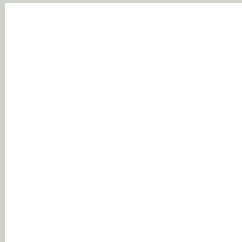
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5684, 0.3138, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 64.5684, 0.3138, 0.3382.



This preview shows how white text looks on a background with the Yxy color 64.5684, 0.3138, 0.3382.

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

64.5684, 0.3138, 0.3382

Protanopia

64.4641, 0.3229, 0.3370

Deuteranopia

64.3239, 0.3331, 0.3258



Tritanopia

64.5925, 0.3018, 0.3110

Trichromacy



Original Color

64.5684, 0.3138, 0.3382

Protanomaly

64.4020, 0.3191, 0.3370

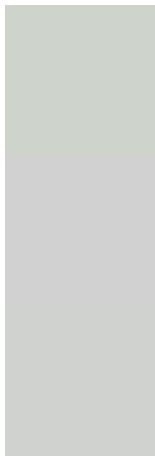
Deuteranomaly

64.2384, 0.3265, 0.3302

Tritanomaly

64.5128, 0.3065, 0.3210

Monochromacy



Original Color

64.5684, 0.3138, 0.3382

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0081, 0.3133, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5684, 0.3138, 0.3382 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(206, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 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(206, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.5684, 0.3138, 0.3382 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(206, 212, 204) }
```

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

```
.border{ border-color:rgb(206, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5684, 0.3138, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 204) }
```

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

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