

Converting Colors

$Yxy(64.2372, 0.3122, 0.3327)$

Have a look what the booklet for
Yxy(64.2372, 0.3122, 0.3327)
contains.

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Color

Yxy(64.3589, 0.3125, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	CFD3CF
RGB	207, 211, 207
RGB Percent	81%, 83%, 81%
CMY	0.1882, 0.1725, 0.1882
CMYK	0.02, 0.00, 0.02, 0.17
HSL	120°, 4%, 82%
HSV	120°, 2%, 83%
XYZ	60.2882, 64.3589, 68.2752
YIQ	209.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

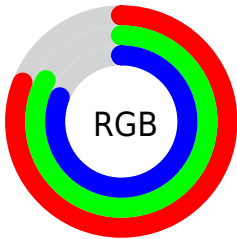
Format	Color
R_{YB}	207, 211, 211
Decimal	13620175
CIE Lab	84.15, -2.09, 1.49
CIE LCh	84, 2.566, 144.443
Yxy	64.3589, 0.3125, 0.3336
Android (android.graphics.Color)	4291810255 (0xFFCFD3CF)
YUV	209.3480, -1.1576, -2.0592
Hunter-Lab	80.2240, -6.2495, 5.6976

Details

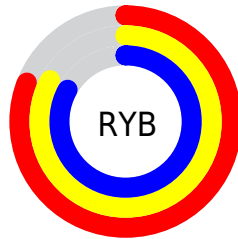
The Yxy color **64.3589, 0.3125, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1784, 0.3129, 0.3244**, and the grayscale version is **64.0091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1862, 0.3124, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **60.5588, 0.3113, 0.3599**, and if you desaturate by 10%, it is **68.7086, 0.3136, 0.3107**.

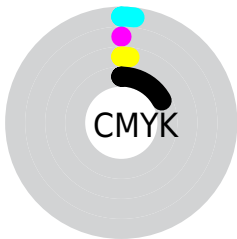
Distribution



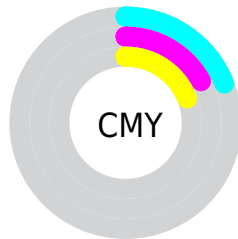
- Red (81%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3589, 0.3125, 0.3336 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 64.3589, 0.3125, 0.3336 by changing the saturation by 10% instead.

■ 64.3589, 0.3125,
0.3336

■ 64.3589, 0.3125,
0.3336

440.4845, 0.3126,
0.3314

■ 46.9414, 0.3125,
0.3341

111.1276, 0.3125,
0.3328

■ 32.9893, 0.3124,
0.3348

141.2477, 0.3126,
0.3325

■ 22.1183, 0.3124,
0.3356

176.3708, 0.3126,
0.3323

■ 13.9438, 0.3123,
0.3367

216.8812, 0.3126,
0.3321

■ 8.0816, 0.3122,
0.3382

263.1634, 0.3126,
0.3319

■ 4.1472, 0.3121,
0.3405

315.6017, 0.3126,

■ 1.7563, 0.3119,

0.3317

0.3445

374.5807, 0.3126,
0.3316

0.4597, 0.3108,
0.3702

0.0000, 0.0000,
0.0000

64.3589, 0.3125,
0.3336

64.3589, 0.3125,
0.3336

60.5588, 0.3113,
0.3599

68.7086, 0.3136,
0.3107

57.2785, 0.3099,
0.3897

73.6199, 0.3145,
0.2910

54.4980, 0.3083,
0.4226

75.0714, 0.3147,
0.2861

52.1928, 0.3067,
0.4579

■ 50.3364, 0.3050,
0.4937

■ 48.8994, 0.3034,
0.5279

■ 47.8492, 0.3020,
0.5576

■ 47.1485, 0.3009,
0.5802

■ 46.7523, 0.3003,
0.5941

Harmonies

Analogous

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



64.3589, 0.3157, 0.3346



64.3589, 0.3125, 0.3336



64.3589, 0.3094, 0.3314

Triad

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



64.3589, 0.3125, 0.3336



64.3589, 0.3074, 0.3240



64.3589, 0.3183, 0.3295

Complementary

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



64.3589, 0.3125, 0.3336



63.1784, 0.3129, 0.3244

Split Complementary

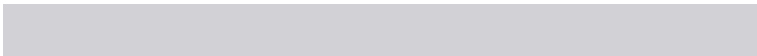
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3589, 0.3161, 0.3267



64.3589, 0.3125, 0.3336



64.3589, 0.3098, 0.3235

Square

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



64.3589, 0.3125, 0.3336



64.3589, 0.3065, 0.3258



64.3589, 0.3129, 0.3245



64.3589, 0.3190, 0.3322

Rectangle

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



64.3589, 0.3125, 0.3336



64.3589, 0.3078, 0.3295



64.3589, 0.3129, 0.3245



64.3589, 0.3177, 0.3285

Sweetspot

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



64.3617, 0.3125, 0.3336



99.3564, 0.3126, 0.3314



64.9461, 0.3155, 0.3336



21.2731, 0.3126, 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.



64.3617, 0.3125, 0.3336



98.7214, 0.3125, 0.3339



64.4603, 0.3111, 0.3313



13.8318, 0.3125, 0.3336



28.1162, 0.3000, 0.6000



1.5721, 0.3000, 0.6000

Inverse Universe

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



63.1784, 0.3129, 0.3244



96.7891, 0.3129, 0.3241



63.0786, 0.3143, 0.3267



13.5800, 0.3129, 0.3245



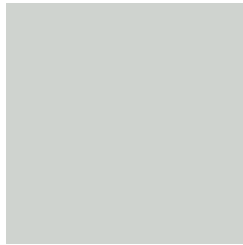
11.1957, 0.3209, 0.1542



0.6260, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 64.3589, 0.3125, 0.3336 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 64.3589, 0.3125, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

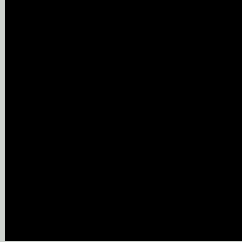
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

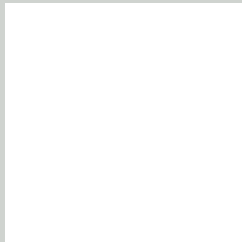
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3589, 0.3125, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 64.3589, 0.3125, 0.3336.



This preview shows how white text looks on a background with the Yxy color 64.3589, 0.3125, 0.3336.

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

64.3589, 0.3125, 0.3336

Protanopia

64.3533, 0.3186, 0.3324

Deuteranopia

64.1383, 0.3293, 0.3225



Tritanopia

64.2496, 0.3026, 0.3099

Trichromacy



Original Color

64.3589, 0.3125, 0.3336

Protanomaly

64.3983, 0.3162, 0.3336

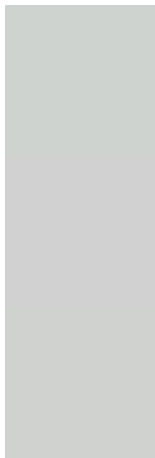
Deuteranomaly

64.2263, 0.3235, 0.3268

Tritanomaly

64.2182, 0.3065, 0.3188

Monochromacy



Original Color

64.3589, 0.3125, 0.3336

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0572, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3589, 0.3125, 0.3336 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(207, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 207)  
}
```

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(207, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.3589, 0.3125, 0.3336 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(207, 211, 207) }
```

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

```
.border{ border-color:rgb(207, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3589, 0.3125, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 207) }
```

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

```
.background{ background-color: rgb(207,  
211, 207) }
```

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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