

Converting Colors

Yxy(64.6488, 0.3155, 0.3444)

Have a look what the booklet for
Yxy(64.6488, 0.3155, 0.3444)
contains.

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Color

Yxy(64.5960, 0.3150, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	CCD5C8
RGB	204, 213, 200
RGB Percent	80%, 84%, 78%
CMY	0.1998, 0.1648, 0.2157
CMYK	0.04, 0.00, 0.06, 0.16
HSL	101°, 13%, 81%
HSV	101°, 6%, 84%
XYZ	59.1332, 64.5960, 63.9953
YIQ	208.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

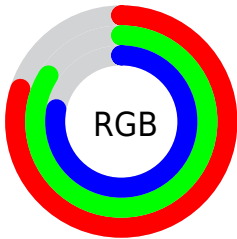
Format	Color
R _Y B	200, 213, 209
Decimal	13424072
CIE Lab	84.28, -5.38, 5.36
CIE LCh	84, 7.591, 135.105
Yxy	64.5960, 0.3150, 0.3441
Android (android.graphics.Color)	4291614152 (0xFFCCD5C8)
YUV	208.8270, -4.3517, -4.2333
Hunter-Lab	80.3716, -9.3195, 9.0510

Details

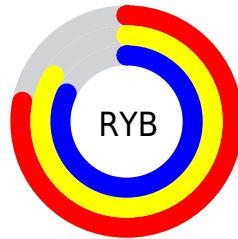
The Yxy color **64.5960, 0.3150, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6582, 0.3103, 0.3141**, and the grayscale version is **63.6783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0131, 0.3157, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **61.6974, 0.3186, 0.3710**, and if you desaturate by 10%, it is **67.8335, 0.3112, 0.3199**.

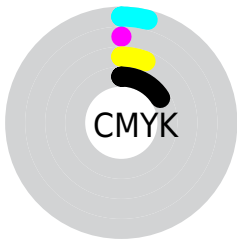
Distribution



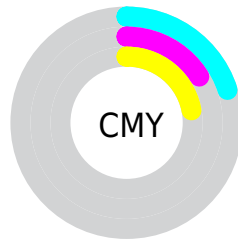
- Red (80%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5960, 0.3150, 0.3441 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 64.5960, 0.3150, 0.3441 by changing the saturation by 10% instead.

■ 64.5960, 0.3150,
0.3441

■ 64.5960, 0.3150,
0.3441

441.3387, 0.3140,
0.3369

■ 47.1336, 0.3152,
0.3458

111.4688, 0.3146,
0.3416

■ 33.1413, 0.3155,
0.3479

141.6480, 0.3145,
0.3406

■ 22.2347, 0.3159,
0.3507

176.8349, 0.3144,
0.3397

■ 14.0294, 0.3164,
0.3544

217.4139, 0.3143,
0.3390

■ 8.1411, 0.3170,
0.3596

263.7694, 0.3142,
0.3384

■ 4.1854, 0.3179,
0.3676

316.2858, 0.3141,

■ 1.7778, 0.3192,

0.3378

375.3474, 0.3140,
0.3373

0.3810

0.4733, 0.3416,
0.5075

0.0000, 0.0000,
0.0000

64.5960, 0.3150,
0.3441

64.5960, 0.3150,
0.3441

61.6974, 0.3186,
0.3710

67.8335, 0.3112,
0.3199

59.1184, 0.3220,
0.4004

71.4120, 0.3075,
0.2983

56.8499, 0.3248,
0.4318

74.7580, 0.3097,
0.2874

54.8797, 0.3268,
0.4642

76.0628, 0.3146,
0.2881

■ 53.1944, 0.3276,
0.4962

■ 51.7796, 0.3271,
0.5260

■ 50.6195, 0.3249,
0.5517

■ 49.6962, 0.3213,
0.5715

■ 48.9887, 0.3165,
0.5845

Harmonies

Analogous

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



64.5960, 0.3240, 0.3456



64.5960, 0.3150, 0.3441



64.5960, 0.3055, 0.3384

Triad

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



64.5960, 0.3150, 0.3441



64.5960, 0.2957, 0.3154



64.5960, 0.3276, 0.3277

Complementary

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



64.5960, 0.3150, 0.3441



59.6582, 0.3103, 0.3141

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.



64.5960, 0.3198, 0.3199



64.5960, 0.3150, 0.3441



64.5960, 0.3014, 0.3128

Square

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



64.5960, 0.3150, 0.3441



64.5960, 0.2945, 0.3216



64.5960, 0.3102, 0.3145



64.5960, 0.3313, 0.3360

Rectangle

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



64.5960, 0.3150, 0.3441



64.5960, 0.3002, 0.3330



64.5960, 0.3102, 0.3145



64.5960, 0.3254, 0.3250

Sweetspot

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



64.5988, 0.3150, 0.3441



99.0168, 0.3135, 0.3339



63.8548, 0.3221, 0.3392



21.2040, 0.3134, 0.3336



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.



64.5988, 0.3150, 0.3441



96.6493, 0.3154, 0.3466



64.1448, 0.3104, 0.3414



14.2070, 0.3155, 0.3478



29.8364, 0.3156, 0.5876



1.8431, 0.3290, 0.5770

Inverse Universe

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



59.6582, 0.3103, 0.3141



88.0929, 0.3099, 0.3116



60.1373, 0.3151, 0.3169



12.8673, 0.3097, 0.3105



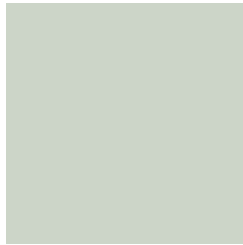
6.7492, 0.2437, 0.1116



0.4501, 0.2574, 0.1192

Previews

White Background



This preview shows how the Yxy color 64.5960, 0.3150, 0.3441 looks on a white background.

Color Contrast Check

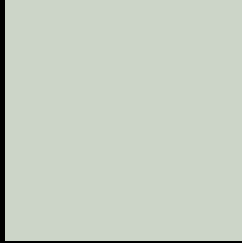
Large Text (above 18pt) WCAG AA × Fail

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 64.5960, 0.3150, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

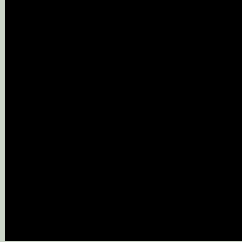
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

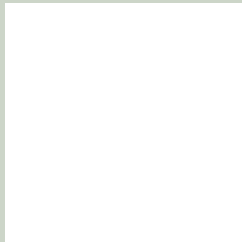
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5960, 0.3150, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 64.5960, 0.3150, 0.3441.



This preview shows how white text looks on a background with the Yxy color 64.5960, 0.3150, 0.3441.

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

64.5960, 0.3150, 0.3441

Protanopia

64.4299, 0.3266, 0.3415

Deuteranopia

64.2998, 0.3369, 0.3302



Tritanopia

64.5018, 0.3005, 0.3099

Trichromacy



Original Color

64.5960, 0.3150, 0.3441

Protanomaly

64.2138, 0.3219, 0.3416

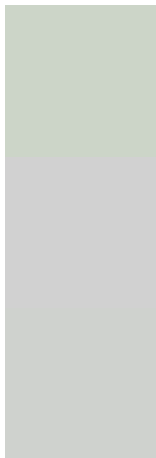
Deuteranomaly

64.3723, 0.3285, 0.3358

Tritanomaly

64.3683, 0.3057, 0.3210

Monochromacy



Original Color

64.5960, 0.3150, 0.3441

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8148, 0.3132, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5960, 0.3150, 0.3441 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(204, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 200)  
}
```

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(204, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 200) }
```

Border

The CSS property to change the border of an element to Yxy 64.5960, 0.3150, 0.3441 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(204, 213, 200) }
```

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

```
.border{ border-color:rgb(204, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5960, 0.3150, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 200) }
```

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

```
.background{ background-color: rgb(204,  
213, 200) }
```

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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