

Converting Colors

$Yxy(64.6480, 0.3152, 0.3397)$

Have a look what the booklet for
Yxy(64.6480, 0.3152, 0.3397)
contains.

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Color

Yxy(64.6642, 0.3152, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4CB
RGB	207, 212, 203
RGB Percent	81%, 83%, 80%
CMY	0.1882, 0.1686, 0.2040
CMYK	0.02, 0.00, 0.04, 0.17
HSL	93°, 9%, 81%
HSV	93°, 4%, 83%
XYZ	60.0535, 64.6642, 65.8074
YIQ	209.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

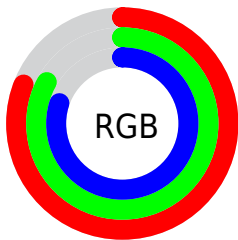
Format	Color
RYB	203, 212, 208
Decimal	13620427
CIELab	84.31, -3.33, 3.85
CIElCh	84, 5.090, 130.814
Yxy	64.6642, 0.3152, 0.3394
Android (android.graphics.Color)	4291810507 (0xFFCFD4CB)
YUV	209.4790, -3.1941, -2.1741
Hunter-Lab	80.4141, -7.4202, 7.7695

Details

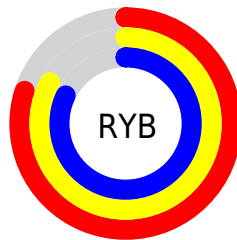
The Yxy color **64.6642, 0.3152, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8688, 0.3101, 0.3186**, and the grayscale version is **64.1120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0562, 0.3161, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **62.0919, 0.3210, 0.3655**, and if you desaturate by 10%, it is **67.5067, 0.3094, 0.3156**.

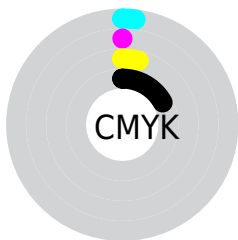
Distribution



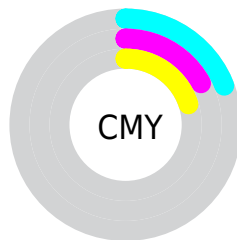
- Red (81%)
- Green (83%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6642, 0.3152, 0.3394 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 64.6642, 0.3152, 0.3394 by changing the saturation by 10% instead.

■ 64.6642, 0.3152,
0.3394

■ 64.6642, 0.3152,
0.3394

441.5843, 0.3140,
0.3345

■ 47.1888, 0.3155,
0.3406

111.5669, 0.3148,
0.3377

■ 33.1850, 0.3158,
0.3420

141.7631, 0.3146,
0.3370

■ 22.2682, 0.3162,
0.3439

176.9684, 0.3145,
0.3364

■ 14.0541, 0.3168,
0.3464

217.5670, 0.3144,
0.3359

■ 8.1583, 0.3175,
0.3500

263.9436, 0.3143,
0.3355

■ 4.1964, 0.3187,
0.3553

316.4824, 0.3142,

■ 1.7840, 0.3205,

0.3351

0.3643

375.5678, 0.3141,
0.3348

0.4772, 0.3386,
0.4339

0.0000, 0.0000,
0.0000

64.6642, 0.3152,
0.3394

64.6642, 0.3152,
0.3394

62.0919, 0.3210,
0.3655

67.5067, 0.3094,
0.3156

59.7730, 0.3266,
0.3937

70.6189, 0.3037,
0.2942

57.7017, 0.3317,
0.4236

73.2420, 0.3057,
0.2859

55.8685, 0.3359,
0.4543

75.3956, 0.3140,
0.2870

■ 54.2635, 0.3388,
0.4846

■ 75.5704, 0.3147,
0.2871

■ 52.8758, 0.3401,
0.5129

■ 51.6934, 0.3394,
0.5377

■ 50.7030, 0.3366,
0.5574

■ 49.8886, 0.3319,
0.5713

Harmonies

Analogous

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



64.6642, 0.3210, 0.3400



64.6642, 0.3152, 0.3394



64.6642, 0.3088, 0.3359

Triad

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



64.6642, 0.3152, 0.3394



64.6642, 0.3010, 0.3203



64.6642, 0.3221, 0.3274

Complementary

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



64.6642, 0.3152, 0.3394



60.8688, 0.3101, 0.3186

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.



64.6642, 0.3166, 0.3222



64.6642, 0.3152, 0.3394



64.6642, 0.3044, 0.3182

Square

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



64.6642, 0.3152, 0.3394



64.6642, 0.3006, 0.3249



64.6642, 0.3102, 0.3189



64.6642, 0.3250, 0.3330

Rectangle

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



64.6642, 0.3152, 0.3394



64.6642, 0.3050, 0.3325



64.6642, 0.3102, 0.3189



64.6642, 0.3205, 0.3255

Sweetspot

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



64.6670, 0.3152, 0.3394



99.5694, 0.3133, 0.3314



63.3957, 0.3193, 0.3347



21.3165, 0.3133, 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.



64.6670, 0.3152, 0.3394



97.8881, 0.3157, 0.3414



64.1179, 0.3119, 0.3390



14.3846, 0.3160, 0.3429



30.6060, 0.3298, 0.5763



1.8946, 0.3435, 0.5655

Inverse Universe

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



60.8688, 0.3101, 0.3186



91.0732, 0.3096, 0.3166



61.4351, 0.3135, 0.3192



13.2653, 0.3093, 0.3151



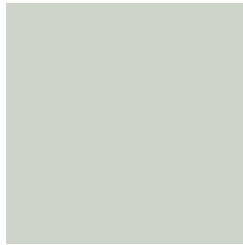
5.3590, 0.2140, 0.0953



0.3720, 0.2318, 0.1051

Previews

White Background



This preview shows how the Yxy color 64.6642, 0.3152, 0.3394 looks on a white background.

Color Contrast Check

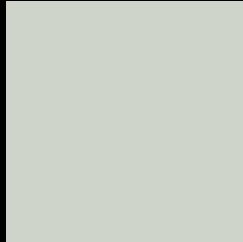
Large Text (above 18pt) WCAG AA × Fail

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 64.6642, 0.3152, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

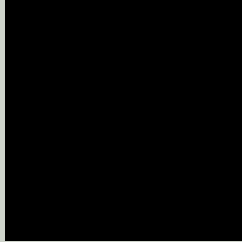
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

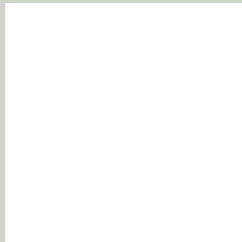
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6642, 0.3152, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 64.6642, 0.3152, 0.3394.

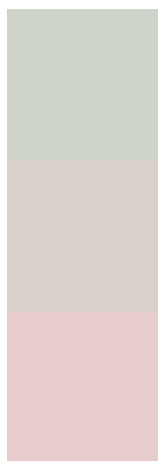


This preview shows how white text looks on a background with the Yxy color 64.6642, 0.3152, 0.3394.

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

64.6642, 0.3152, 0.3394

Protanopia

64.4169, 0.3236, 0.3381

Deuteranopia

64.2755, 0.3339, 0.3269



Tritanopia

64.7388, 0.3026, 0.3111

Trichromacy



Original Color

64.6642, 0.3152, 0.3394

Protanomaly

64.5036, 0.3206, 0.3381

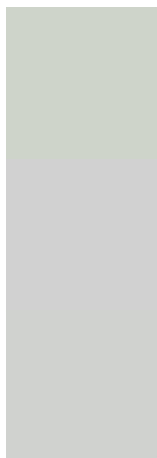
Deuteranomaly

64.1902, 0.3272, 0.3313

Tritanomaly

64.6583, 0.3072, 0.3211

Monochromacy



Original Color

64.6642, 0.3152, 0.3394

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 64.6642, 0.3152, 0.3394 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, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 64.6642, 0.3152, 0.3394 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, 212, 203) }
```

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

```
.border{ border-color:rgb(207, 212, 203) }
```

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

Here you see how a box with a 4 pixel rgb(207, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6642, 0.3152, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 203) }
```

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

```
.background{ background-color: rgb(207,  
212, 203) }
```

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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