

Converting Colors

Yxy(64.4289, 0.3159, 0.3538)

Have a look what the booklet for
Yxy(64.4289, 0.3159, 0.3538)
contains.

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Color

Yxy(64.6380, 0.3152, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	C7D7C2
RGB	199, 215, 194
RGB Percent	78%, 84%, 76%
CMY	0.2197, 0.1568, 0.2393
CMYK	0.07, 0.00, 0.10, 0.16
HSL	106°, 21%, 80%
HSV	106°, 10%, 84%
XYZ	57.5859, 64.6380, 60.4725
YIQ	207.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

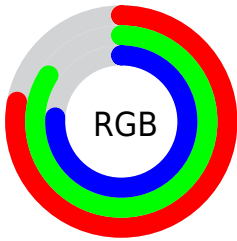
Format	Color
RYB	194, 215, 210
Decimal	13096898
CIELab	84.30, -9.23, 8.53
CIELCh	84, 12.565, 137.256
Yxy	64.6380, 0.3152, 0.3538
Android (android.graphics.Color)	4291286978 (0xFFC7D7C2)
YUV	207.8220, -6.8142, -7.7369
Hunter-Lab	80.3978, -12.8432, 11.6825

Details

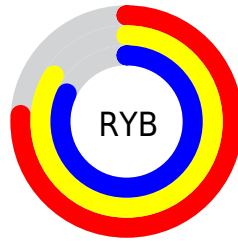
The Yxy color **64.6380, 0.3152, 0.3538** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1900, 0.3099, 0.3048**, and the grayscale version is **63.0006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.0548, 0.3160, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **61.6205, 0.3176, 0.3820**, and if you desaturate by 10%, it is **68.0424, 0.3127, 0.3285**.

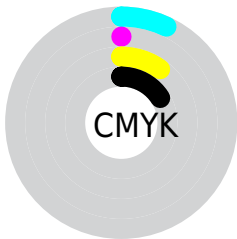
Distribution



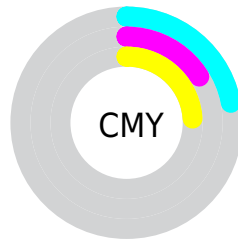
- Red (78%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6380, 0.3152, 0.3538 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 64.6380, 0.3152, 0.3538 by changing the saturation by 10% instead.


 64.6380, 0.3152,
0.3538

 64.6380, 0.3152,
0.3538


441.4900, 0.3141,
0.3419

 47.1676, 0.3154,
0.3566


 111.5293, 0.3148,
0.3496

 33.1682, 0.3157,
0.3602


141.7189, 0.3147,
0.3480

 22.2553, 0.3160,
0.3648


176.9171, 0.3146,
0.3466

 14.0446, 0.3164,
0.3711

217.5082, 0.3145,
0.3454

 8.1517, 0.3169,
0.3799

263.8767, 0.3144,
0.3444

 4.1922, 0.3174,
0.3934


316.4068, 0.3143,

 1.7816, 0.3178,


0.3434


0.4165


375.4831, 0.3142,
0.3426


 0.4757, 0.3229,
0.6771


 0.0000, 0.0000,
0.0000

 64.6380, 0.3152,
0.3538


 64.6380, 0.3152,
0.3538


 61.6205, 0.3176,
0.3820


 68.0424, 0.3127,
0.3285


 58.9681, 0.3195,
0.4127

 71.8384, 0.3101,
0.3060

 56.6691, 0.3210,
0.4454

 75.8140, 0.3097,
0.2895

 54.7081, 0.3216,
0.4788

 77.0868, 0.3145,
0.2901

■ 53.0685, 0.3212,
0.5113

■ 51.7322, 0.3196,
0.5407

■ 50.6793, 0.3168,
0.5649

■ 49.8869, 0.3130,
0.5823

■ 49.3226, 0.3088,
0.5929

Harmonies

Analogous

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



64.6380, 0.3303, 0.3567



64.6380, 0.3152, 0.3538



64.6380, 0.2997, 0.3437

Triad

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



64.6380, 0.3152, 0.3538



64.6380, 0.2852, 0.3059



64.6380, 0.3381, 0.3277

Complementary

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



64.6380, 0.3152, 0.3538



57.1900, 0.3099, 0.3048

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.



64.6380, 0.3255, 0.3149



64.6380, 0.3152, 0.3538



64.6380, 0.2949, 0.3024

Square

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



64.6380, 0.3152, 0.3538



64.6380, 0.2826, 0.3157



64.6380, 0.3096, 0.3058



64.6380, 0.3438, 0.3411

Rectangle

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



64.6380, 0.3152, 0.3538



64.6380, 0.2912, 0.3345



64.6380, 0.3096, 0.3058



64.6380, 0.3345, 0.3232

Sweetspot

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



64.6408, 0.3152, 0.3538



98.4274, 0.3135, 0.3364



64.3161, 0.3278, 0.3471



20.9795, 0.3137, 0.3384



0.0000, 0.0000, 0.0000



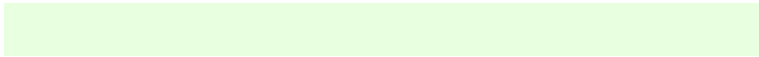
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6408, 0.3152, 0.3538



94.0234, 0.3158, 0.3601



64.2095, 0.3080, 0.3477



14.0369, 0.3151, 0.3528



29.5317, 0.3096, 0.5924



1.8197, 0.3219, 0.5826

Inverse Universe

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



57.1900, 0.3099, 0.3048



80.6545, 0.3092, 0.2989



57.6683, 0.3178, 0.3110



12.4772, 0.3100, 0.3058



7.7028, 0.2618, 0.1216



0.5013, 0.2725, 0.1275

Previews

White Background



This preview shows how the Yxy color 64.6380, 0.3152, 0.3538 looks on a white background.

Color Contrast Check

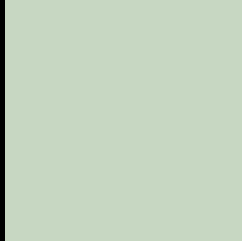
Large Text (above 18pt) WCAG AA × Fail

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 64.6380, 0.3152, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

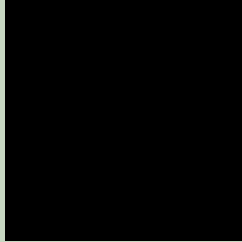
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

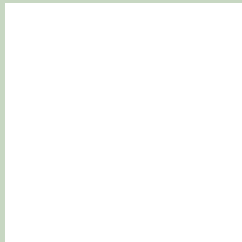
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6380, 0.3152, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 64.6380, 0.3152, 0.3538.



This preview shows how white text looks on a background with the Yxy color 64.6380, 0.3152, 0.3538.

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

64.6380, 0.3152, 0.3538

Protanopia

64.2679, 0.3324, 0.3495

Deuteranopia

64.3596, 0.3431, 0.3367



Tritanopia

64.4766, 0.2970, 0.3098

Trichromacy



Original Color

64.6380, 0.3152, 0.3538

Protanomaly

64.2432, 0.3260, 0.3510

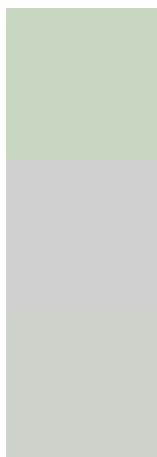
Deuteranomaly

64.0954, 0.3329, 0.3426

Tritanomaly

64.5498, 0.3034, 0.3255

Monochromacy



Original Color

64.6380, 0.3152, 0.3538

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8795, 0.3138, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6380, 0.3152, 0.3538 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(199, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 194)  
}
```

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(199, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.6380, 0.3152, 0.3538 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(199, 215, 194) }
```

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

```
.border{ border-color:rgb(199, 215, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6380, 0.3152, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 194) }
```

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

```
.background{ background-color: rgb(199,  
215, 194) }
```

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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