

Converting Colors

Yxy(51.6370, 0.3149, 0.3278)

Have a look what the booklet for
Yxy(51.6370, 0.3149, 0.3278)
contains.

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Color

Yxy(51.4504, 0.3152, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDBE
RGB	193, 189, 190
RGB Percent	76%, 74%, 75%
CMY	0.2434, 0.2587, 0.2549
CMYK	0.00, 0.02, 0.02, 0.24
HSL	345°, 3%, 75%
HSV	345°, 2%, 76%
XYZ	49.4727, 51.4504, 56.0335
YIQ	190.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

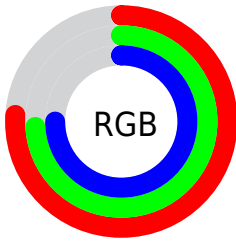
Format	Color
R _Y B	193, 189, 190
Decimal	12697022
CIE Lab	76.95, 1.55, -0.01
CIE LCh	77, 1.553, 359.550
Yxy	51.4504, 0.3152, 0.3278
Android (android.graphics.Color)	4290887102 (0xFFC1BDBE)
YUV	190.3100, -0.1528, 2.3591
Hunter-Lab	71.7289, -2.4109, 3.8938

Details

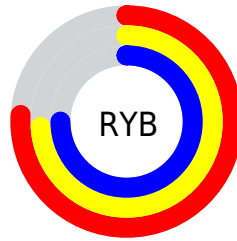
The Yxy color **51.4504, 0.3152, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7419, 0.3103, 0.3302**, and the grayscale version is **51.6774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0984, 0.3147, 0.3280**, and **24.9899, 0.3161, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **43.0915, 0.3291, 0.3216**, and if you desaturate by 10%, it is **60.9814, 0.3039, 0.3335**.

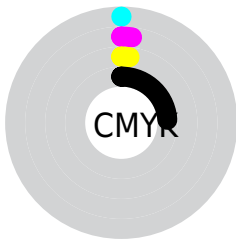
Distribution



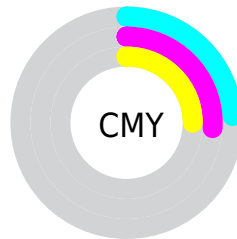
- Red (76%)
- Green (74%)
- Blue (75%)



- Red (76%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4504, 0.3152, 0.3278 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 51.4504, 0.3152, 0.3278 by changing the saturation by 10% instead.

■ 51.4504, 0.3152,
0.3278

■ 51.4504, 0.3152,
0.3278

392.3112, 0.3140,
0.3284

■ 36.5672, 0.3155,
0.3277

■ 92.3202, 0.3148,
0.3280

■ 24.8726, 0.3159,
0.3275

119.0756, 0.3146,
0.3281

■ 15.9821, 0.3164,
0.3272

150.5571, 0.3145,
0.3282

■ 9.5115, 0.3171,
0.3269

187.1492, 0.3143,
0.3282

■ 5.0763, 0.3181,
0.3264

229.2363, 0.3142,
0.3283

■ 2.2921, 0.3197,
0.3256

277.2027, 0.3141,

■ 0.7695, 0.3236,

0.3283

0.3237

331.4328, 0.3141,
0.3284

0.0000, 0.0000,
0.0000

51.4504, 0.3152,
0.3278

51.4504, 0.3152,
0.3278

43.0915, 0.3291,
0.3216

60.9814, 0.3039,
0.3335

35.8529, 0.3461,
0.3151

71.7203, 0.2947,
0.3387

29.6887, 0.3671,
0.3084

83.7101, 0.2872,
0.3435

24.5474, 0.3925,
0.3019

89.6331, 0.2802,
0.3362

20.3733, 0.4227,
0.2961

90.0702, 0.2767,
0.3289

■ 17.1052, 0.4576,
0.2919

■ 14.6749, 0.4959,
0.2903

■ 13.0044, 0.5348,
0.2922

■ 12.0011, 0.5704,
0.2983

Harmonies

Analogous

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



51.4504, 0.3132, 0.3263



51.4504, 0.3152, 0.3278



51.4504, 0.3165, 0.3297

Triad

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



51.4504, 0.3152, 0.3278



51.4504, 0.3143, 0.3326



51.4504, 0.3087, 0.3267

Complementary

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



51.4504, 0.3152, 0.3278



52.7419, 0.3103, 0.3302

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.



51.4504, 0.3090, 0.3284



51.4504, 0.3152, 0.3278



51.4504, 0.3122, 0.3318

Square

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



51.4504, 0.3152, 0.3278



51.4504, 0.3160, 0.3324



51.4504, 0.3103, 0.3302



51.4504, 0.3095, 0.3256

Rectangle

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



51.4504, 0.3152, 0.3278



51.4504, 0.3168, 0.3308



51.4504, 0.3103, 0.3302



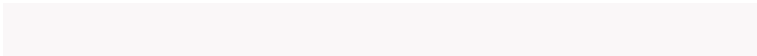
51.4504, 0.3086, 0.3272

Sweetspot

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



51.4526, 0.3152, 0.3278



93.8511, 0.3139, 0.3284



51.4546, 0.3121, 0.3241



20.1520, 0.3139, 0.3284



97.7402, 0.3127, 0.3290



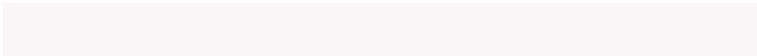
20.4902, 0.3127, 0.3290

Same Dimension

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



51.4526, 0.3152, 0.3278



92.2133, 0.3152, 0.3278



51.8337, 0.3159, 0.3302



11.5477, 0.3150, 0.3279



7.6920, 0.5914, 0.3031



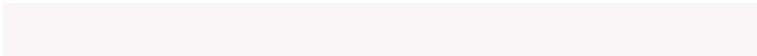
0.3438, 0.5261, 0.2672

Inverse Universe

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



51.4526, 0.3152, 0.3278



92.2133, 0.3152, 0.3278



52.3531, 0.3096, 0.3278



11.5477, 0.3150, 0.3279



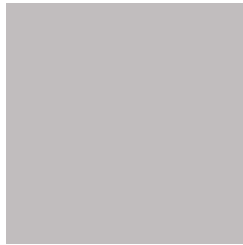
7.6920, 0.5914, 0.3031



0.3438, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 51.4504, 0.3152, 0.3278 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 51.4504, 0.3152, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

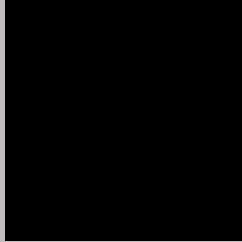
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

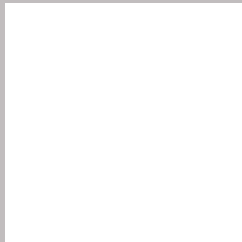
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4504, 0.3152, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 51.4504, 0.3152, 0.3278.

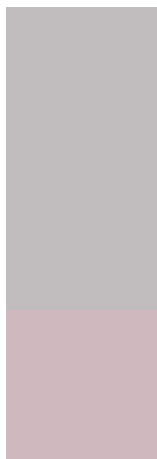


This preview shows how white text looks on a background with the Yxy color 51.4504, 0.3152, 0.3278.

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

51.4504, 0.3152, 0.3278

Protanopia

51.4504, 0.3152, 0.3278

Deuteranopia

51.4525, 0.3275, 0.3207



Tritanopia

51.4070, 0.3079, 0.3107

Trichromacy



Original Color

51.4504, 0.3152, 0.3278

Protanomaly

51.4504, 0.3152, 0.3278

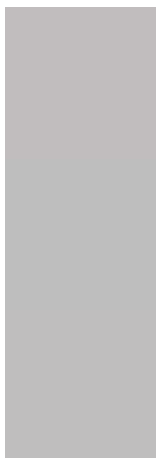
Deuteranomaly

51.5759, 0.3231, 0.3230

Tritanomaly

51.5130, 0.3100, 0.3167

Monochromacy



Original Color

51.4504, 0.3152, 0.3278

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6210, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4504, 0.3152, 0.3278 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(193, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 190)  
}
```

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(193, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.4504, 0.3152, 0.3278 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(193, 189, 190) }
```

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

```
.border{ border-color:rgb(193, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4504, 0.3152, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 190) }
```

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

```
.background{ background-color: rgb(193,  
189, 190) }
```

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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