

Converting Colors

Yxy(50.6307, 0.3256, 0.3184)

Have a look what the booklet for
Yxy(50.6307, 0.3256, 0.3184)
contains.

| | |
|---|----|
| Yxy(50.7504, 0.3259, 0.3194) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.7504, 0.3259, 0.3194)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CEB7BF |
| RGB | 206, 183, 191 |
| RGB Percent | 81%, 72%, 75% |
| CMY | 0.1923, 0.2823, 0.2510 |
| CMYK | 0.00, 0.11, 0.07, 0.19 |
| HSL | 339°, 19%, 76% |
| HSV | 339°, 11%, 81% |
| XYZ | 51.7832, 50.7504, 56.3593 |
| YIQ | 190.7890, 11.1400, 7.3640 |

Conversions

Conversions Part 2

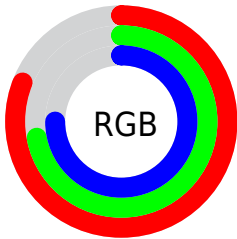
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 206, 183, 191 |
| Decimal | 13547455 |
| CIE Lab | 76.53, 9.54, -1.05 |
| CIE LCh | 77, 9.602, 353.708 |
| Yxy | 50.7504, 0.3259, 0.3194 |
| Android (android.graphics.Color) | 4291737535 (0xFFCEB7BF) |
| YUV | 190.7890, 0.1040, 13.3400 |
| Hunter-Lab | 71.2393, 5.0812, 2.9616 |

Details

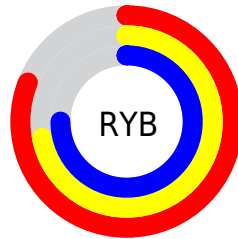
The Yxy color **50.7504, 0.3259, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2694, 0.3011, 0.3388**, and the grayscale version is **51.9654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7084, 0.3184, 0.3213**, and **24.4756, 0.3296, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **42.3034, 0.3405, 0.3103**, and if you desaturate by 10%, it is **60.4993, 0.3139, 0.3281**.

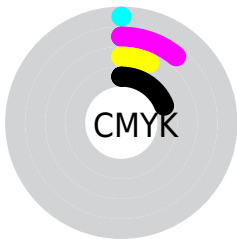
Distribution



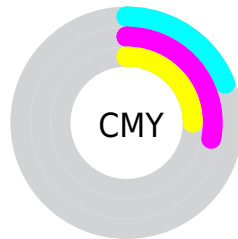
- Red (81%)
- Green (72%)
- Blue (75%)



- Red (81%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (19%)




- Cyan (19%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7504, 0.3259, 0.3194 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 50.7504, 0.3259, 0.3194 by changing the saturation by 10% instead.

 50.7504, 0.3259,
0.3194

 50.7504, 0.3259,
0.3194


389.5933, 0.3194,
0.3241

 36.0100, 0.3275,
0.3182


 91.2857, 0.3236,
0.3211

 24.4419, 0.3295,
0.3168


117.8494, 0.3227,
0.3217

 15.6618, 0.3322,
0.3149


149.1230, 0.3219,
0.3223

 9.2851, 0.3359,
0.3122

185.4909, 0.3213,
0.3228

 4.9276, 0.3413,
0.3083

227.3375, 0.3207,
0.3232

 2.2049, 0.3499,
0.3022

275.0471, 0.3202,

 0.7226, 0.3681,

0.3235

0.2884

329.0043, 0.3198,
0.3238

0.0000, 0.0000,
0.0000

50.7504, 0.3259,
0.3194

50.7504, 0.3259,
0.3194

42.3034, 0.3405,
0.3103

60.4993, 0.3139,
0.3281

35.0965, 0.3583,
0.3008

71.5953, 0.3042,
0.3361

29.0725, 0.3798,
0.2915

84.0897, 0.2961,
0.3435

24.1675, 0.4052,
0.2830

91.2110, 0.2891,
0.3397

20.3112, 0.4345,
0.2763

91.8562, 0.2838,
0.3289

■ 17.4254, 0.4670,
0.2724

■ 15.4207, 0.5009,
0.2727

■ 14.1908, 0.5338,
0.2780

■ 13.5803, 0.5603,
0.2860

Harmonies

Analogous

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



50.7504, 0.3131, 0.3109



50.7504, 0.3259, 0.3194



50.7504, 0.3353, 0.3304

Triad

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



50.7504, 0.3259, 0.3194



50.7504, 0.3249, 0.3519



50.7504, 0.2876, 0.3159

Complementary

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



50.7504, 0.3259, 0.3194



58.2694, 0.3011, 0.3388

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.



50.7504, 0.2906, 0.3269



50.7504, 0.3259, 0.3194



50.7504, 0.3120, 0.3481

Square

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



50.7504, 0.3259, 0.3194



50.7504, 0.3346, 0.3493



50.7504, 0.2995, 0.3388



50.7504, 0.2911, 0.3087

Rectangle

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



50.7504, 0.3259, 0.3194



50.7504, 0.3382, 0.3379



50.7504, 0.2995, 0.3388



50.7504, 0.2879, 0.3193

Sweetspot

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



50.7526, 0.3259, 0.3194



94.8988, 0.3160, 0.3265



50.3253, 0.3074, 0.3013



20.0277, 0.3169, 0.3258



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.



50.7526, 0.3259, 0.3194



79.3285, 0.3286, 0.3176



51.8477, 0.3319, 0.3332



11.2771, 0.3236, 0.3210



8.3825, 0.5564, 0.2839



0.4467, 0.5015, 0.2536

Inverse Universe

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



50.7526, 0.3259, 0.3194



79.3285, 0.3286, 0.3176



57.0092, 0.2957, 0.3247



11.2771, 0.3236, 0.3210



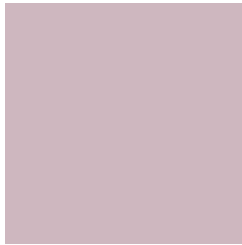
8.3825, 0.5564, 0.2839



0.4467, 0.5015, 0.2536

Previews

White Background



This preview shows how the Yxy color 50.7504, 0.3259, 0.3194 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 50.7504, 0.3259, 0.3194 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 50.7504, 0.3259, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 50.7504, 0.3259, 0.3194.



This preview shows how white text looks on a background with the Yxy color 50.7504, 0.3259, 0.3194.

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

50.7504, 0.3259, 0.3194

Protanopia

50.9378, 0.3106, 0.3215

Deuteranopia

50.7504, 0.3259, 0.3194



Tritanopia

50.7068, 0.3228, 0.3123

Trichromacy



Original Color

50.7504, 0.3259, 0.3194

Protanomaly

50.7038, 0.3156, 0.3204

Deuteranomaly

50.7504, 0.3259, 0.3194

Tritanomaly

50.6163, 0.3245, 0.3146

Monochromacy



Original Color

50.7504, 0.3259, 0.3194

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4638, 0.3170, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7504, 0.3259, 0.3194 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(206, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 191)  
}
```

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(206, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.7504, 0.3259, 0.3194 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(206, 183, 191) }
```

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

```
.border{ border-color:rgb(206, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7504, 0.3259, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 191) }
```

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

```
.background{ background-color: rgb(206,  
183, 191) }
```

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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