

Converting Colors

Yxy(50.6795, 0.3149, 0.3598)

Have a look what the booklet for
Yxy(50.6795, 0.3149, 0.3598)
contains.

| | |
|---|----|
| Yxy(50.6378, 0.3145, 0.3593) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.6378, 0.3145, 0.3593)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFC2AB |
| RGB | 175, 194, 171 |
| RGB Percent | 69%, 76%, 67% |
| CMY | 0.3137, 0.2392, 0.3294 |
| CMYK | 0.10, 0.00, 0.12, 0.24 |
| HSL | 110°, 16%, 72% |
| HSV | 110°, 12%, 76% |
| XYZ | 44.3239, 50.6378, 45.9729 |
| YIQ | 185.6970, -3.9410, -11.1810 |

Conversions

Conversions Part 2

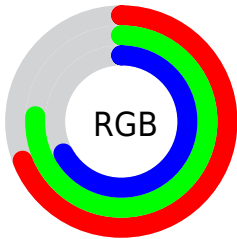
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 194, 190 |
| Decimal | 11518635 |
| CIELab | 76.46, -10.79, 9.37 |
| CIELCh | 76, 14.294, 139.037 |
| Yxy | 50.6378, 0.3145, 0.3593 |
| Android (android.graphics.Color) | 4289708715 (0xFFAFC2AB) |
| YUV | 185.6970, -7.2456, -9.3813 |
| Hunter-Lab | 71.1602, -13.3472, 11.5080 |

Details

The Yxy color **50.6378, 0.3145, 0.3593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9749, 0.3106, 0.2999**, and the grayscale version is **48.9696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4743, 0.3147, 0.3546**, and **24.2257, 0.3142, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **48.2073, 0.3158, 0.3881**, and if you desaturate by 10%, it is **53.4014, 0.3130, 0.3335**.

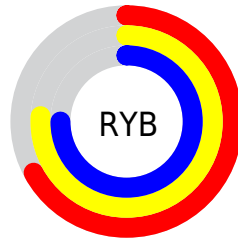
Distribution



Red (69%)

Green (76%)

Blue (67%)



Red (67%)

Yellow (76%)

Blue (75%)

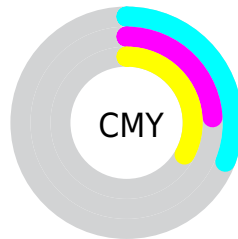


Cyan (10%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6378, 0.3145, 0.3593 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 50.6378, 0.3145, 0.3593 by changing the saturation by 10% instead.

■ 50.6378, 0.3145,
0.3593

■ 50.6378, 0.3145,
0.3593

389.1549, 0.3138,
0.3441

■ 35.9204, 0.3146,
0.3631

■ 91.1192, 0.3143,
0.3538

■ 24.3728, 0.3148,
0.3681

117.6519, 0.3142,
0.3517

■ 15.6104, 0.3149,
0.3746

148.8920, 0.3141,
0.3499

■ 9.2489, 0.3151,
0.3839

185.2237, 0.3140,
0.3484

■ 4.9039, 0.3150,
0.3978

227.0314, 0.3139,
0.3471

■ 2.1910, 0.3145,
0.4210

274.6996, 0.3139,

■ 0.7151, 0.3317,

0.3460

0.5699

328.6126, 0.3138,
0.3450

0.0000, 0.0000,
0.0000

50.6378, 0.3145,
0.3593

50.6378, 0.3145,
0.3593

48.2073, 0.3158,
0.3881

53.4014, 0.3130,
0.3335

46.0911, 0.3167,
0.4196

56.5034, 0.3114,
0.3106

44.2781, 0.3171,
0.4529

59.9569, 0.3098,
0.2905

42.7542, 0.3169,
0.4868

63.7728, 0.3081,
0.2730

41.5041, 0.3158,
0.5195

67.0642, 0.3155,
0.2693

■ 40.5113, 0.3139,
0.5485

■ 39.7570, 0.3112,
0.5718

■ 39.2199, 0.3079,
0.5877

■ 38.9192, 0.3053,
0.5958

Harmonies

Analogous

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



50.6378, 0.3334, 0.3633



50.6378, 0.3145, 0.3593



50.6378, 0.2956, 0.3463

Triad

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



50.6378, 0.3145, 0.3593



50.6378, 0.2793, 0.3000



50.6378, 0.3448, 0.3282

Complementary

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



50.6378, 0.3145, 0.3593



43.9749, 0.3106, 0.2999

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.



50.6378, 0.3295, 0.3125



50.6378, 0.3145, 0.3593



50.6378, 0.2917, 0.2964

Square

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



50.6378, 0.3145, 0.3593



50.6378, 0.2757, 0.3115



50.6378, 0.3100, 0.3010



50.6378, 0.3512, 0.3447

Rectangle

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



50.6378, 0.3145, 0.3593



50.6378, 0.2854, 0.3346



50.6378, 0.3100, 0.3010



50.6378, 0.3405, 0.3227

Sweetspot

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



50.6400, 0.3145, 0.3593



95.5879, 0.3134, 0.3389



51.1452, 0.3308, 0.3527



20.8463, 0.3135, 0.3408



0.0000, 0.0000, 0.0000



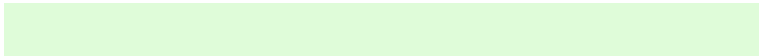
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6400, 0.3145, 0.3593



90.6463, 0.3148, 0.3659



50.4700, 0.3060, 0.3497



11.3411, 0.3141, 0.3526



25.6132, 0.3059, 0.5953



1.1332, 0.3197, 0.5843

Inverse Universe

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



43.9749, 0.3106, 0.2999



76.3867, 0.3100, 0.2939



44.1771, 0.3202, 0.3091



10.1562, 0.3111, 0.3061



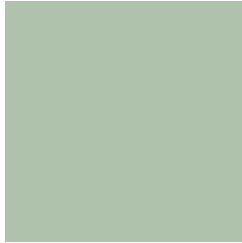
7.5264, 0.2778, 0.1304



0.3490, 0.2880, 0.1360

Previews

White Background



This preview shows how the Yxy color 50.6378, 0.3145, 0.3593 looks on a white background.

Color Contrast Check

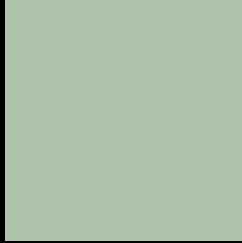
Large Text (above 18pt) WCAG AA × Fail

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 50.6378, 0.3145, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

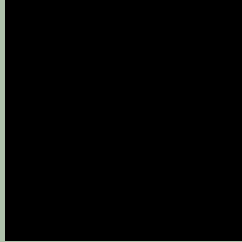
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

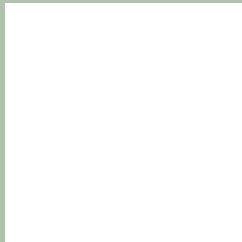
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6378, 0.3145, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 50.6378, 0.3145, 0.3593.



This preview shows how white text looks on a background with the Yxy color 50.6378, 0.3145, 0.3593.

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

50.6378, 0.3145, 0.3593

Protanopia

50.5294, 0.3353, 0.3543

Deuteranopia

50.5089, 0.3455, 0.3387



Tritanopia

50.4581, 0.2945, 0.3101

Trichromacy



Original Color

50.6378, 0.3145, 0.3593

Protanomaly

50.3829, 0.3273, 0.3560

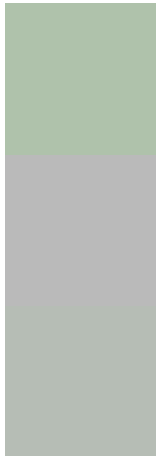
Deuteranomaly

50.2771, 0.3342, 0.3453

Tritanomaly

50.5324, 0.3016, 0.3277

Monochromacy



Original Color

50.6378, 0.3145, 0.3593

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6765, 0.3131, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6378, 0.3145, 0.3593 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(175, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 171)  
}
```

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(175, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 171) }
```

Border

The CSS property to change the border of an element to Yxy 50.6378, 0.3145, 0.3593 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(175, 194, 171) }
```

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

```
.border{ border-color:rgb(175, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 194, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 194, 171); box-shadow:4px 4px 4px 4px rgb(175, 194, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6378, 0.3145, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 171) }
```

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

```
.background{ background-color: rgb(175,  
194, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor