

Converting Colors

Yxy(54.4736, 0.2959, 0.3253)

Have a look what the booklet for
Yxy(54.4736, 0.2959, 0.3253)
contains.

Yxy(54.6476, 0.2960, 0.3265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.6476, 0.2960, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B3C7C9
RGB	179, 199, 201
RGB Percent	70%, 78%, 79%
CMY	0.2983, 0.2195, 0.2118
CMYK	0.11, 0.01, 0.00, 0.21
HSL	185°, 17%, 74%
HSV	185°, 11%, 79%
XYZ	49.5427, 54.6476, 63.1837
YIQ	193.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

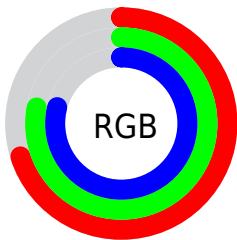
Format	Color
R_{YB}	179, 189, 201
Decimal	11782089
CIE Lab	78.84, -6.39, -3.31
CIE LCh	79, 7.195, 207.347
Yxy	54.6476, 0.2960, 0.3265
Android (android.graphics.Color)	4289972169 (0xFFB3C7C9)
YUV	193.2480, 3.8217, -12.4955
Hunter-Lab	73.9240, -9.7392, 1.0710

Details

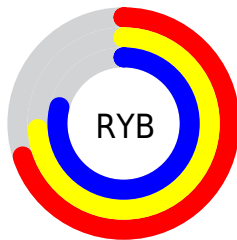
The Yxy color **54.6476, 0.2960, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6701, 0.3318, 0.3315**, and the grayscale version is **53.4588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **26.7930, 0.2916, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **51.6115, 0.2814, 0.3240**, and if you desaturate by 10%, it is **58.0469, 0.3112, 0.3288**.

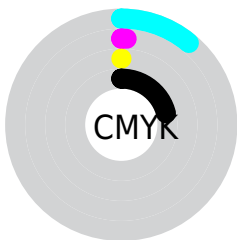
Distribution



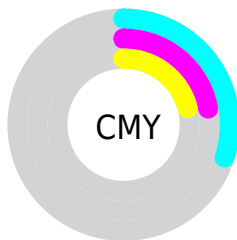
- Red (70%)
- Green (78%)
- Blue (79%)



- Red (70%)
- Yellow (74%)
- Blue (79%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6476, 0.2960, 0.3265 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 54.6476, 0.2960, 0.3265 by changing the saturation by 10% instead.

 54.6476, 0.2960,
0.3265

 54.6476, 0.2960,
0.3265

404.5747, 0.3041,
0.3278

 39.1196, 0.2940,
0.3262


 97.0244, 0.2989,
0.3270

 26.8528, 0.2916,
0.3258


124.6421, 0.3000,
0.3271

 17.4627, 0.2884,
0.3252


157.0585, 0.3009,
0.3273

 10.5649, 0.2840,
0.3244

194.6580, 0.3017,
0.3274

 5.7751, 0.2777,
0.3232

237.8249, 0.3024,
0.3275

 2.7088, 0.2680,
0.3212

286.9438, 0.3031,

 0.9817, 0.2503,

0.3276

0.3175

342.3989, 0.3036,
0.3277

0.0000, 0.0000,
0.0000

54.6476, 0.2960,
0.3265

54.6476, 0.2960,
0.3265

51.6115, 0.2814,
0.3240

58.0469, 0.3112,
0.3288

48.9167, 0.2678,
0.3214

61.8167, 0.3268,
0.3309

46.5492, 0.2554,
0.3185

65.9726, 0.3424,
0.3327

44.4917, 0.2444,
0.3156

69.6978, 0.3546,
0.3344

42.7248, 0.2353,
0.3126

70.5631, 0.3542,
0.3363

■ 41.2272, 0.2279,
0.3095

■ 71.4381, 0.3538,
0.3381

■ 39.9745, 0.2225,
0.3065

■ 72.3229, 0.3535,
0.3399

■ 38.9376, 0.2189,
0.3035

■ 73.2176, 0.3531,
0.3417

■ 38.1384, 0.2169,
0.3008

■ 74.1222, 0.3527,
0.3435

Harmonies

Analogous

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



54.6476, 0.3021, 0.3352



54.6476, 0.2960, 0.3265



54.6476, 0.2943, 0.3187

Triad

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



54.6476, 0.2960, 0.3265



54.6476, 0.3142, 0.3163



54.6476, 0.3281, 0.3443

Complementary

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



54.6476, 0.2960, 0.3265



48.6701, 0.3318, 0.3315

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.



54.6476, 0.3315, 0.3390



54.6476, 0.2960, 0.3265



54.6476, 0.3234, 0.3229

Square

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



54.6476, 0.2960, 0.3265



54.6476, 0.3047, 0.3130



54.6476, 0.3297, 0.3311



54.6476, 0.3206, 0.3456

Rectangle

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



54.6476, 0.2960, 0.3265



54.6476, 0.2959, 0.3150



54.6476, 0.3297, 0.3311



54.6476, 0.3297, 0.3429

Sweetspot

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



54.6499, 0.2960, 0.3265



98.1451, 0.3080, 0.3283



54.6675, 0.3101, 0.3548



20.9031, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



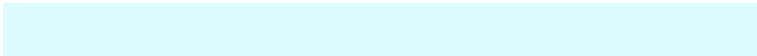
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6499, 0.2960, 0.3265



92.3819, 0.2927, 0.3260



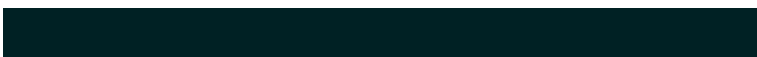
49.8094, 0.2958, 0.3127



11.9002, 0.2984, 0.3269



24.0536, 0.2170, 0.3012



1.1873, 0.2187, 0.3074

Inverse Universe

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



48.7526, 0.3155, 0.3046



80.4547, 0.3161, 0.2996



53.2763, 0.3302, 0.3448



10.7998, 0.3151, 0.3082



9.9682, 0.3444, 0.1671



0.4769, 0.3389, 0.1641

Previews

White Background



This preview shows how the Yxy color 54.6476, 0.2960, 0.3265 looks on a white background.

Color Contrast Check

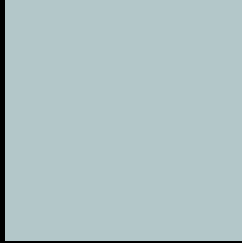
Large Text (above 18pt) WCAG AA × Fail

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 54.6476, 0.2960, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

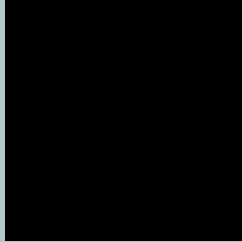
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

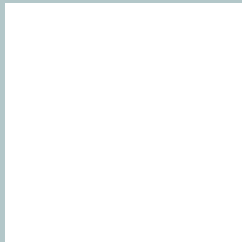
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6476, 0.2960, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.6476, 0.2960, 0.3265.



This preview shows how white text looks on a background with the Yxy color 54.6476, 0.2960, 0.3265.

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

54.6476, 0.2960, 0.3265

Protanopia

54.5311, 0.3121, 0.3242

Deuteranopia

54.4086, 0.3192, 0.3126



Tritanopia

54.5604, 0.2893, 0.3093

Trichromacy



Original Color

54.6476, 0.2960, 0.3265

Protanomaly

54.5505, 0.3058, 0.3253

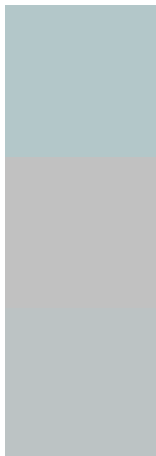
Deuteranomaly

54.5463, 0.3108, 0.3182

Tritanomaly

54.6949, 0.2913, 0.3154

Monochromacy



Original Color

54.6476, 0.2960, 0.3265

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7071, 0.3065, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6476, 0.2960, 0.3265 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(179, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 201)  
}
```

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(179, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.6476, 0.2960, 0.3265 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(179, 199, 201) }
```

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

```
.border{ border-color:rgb(179, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6476, 0.2960, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 201) }
```

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

```
.background{ background-color: rgb(179,  
199, 201) }
```

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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