

Converting Colors

Yxy(50.6254, 0.2897, 0.4067)

Have a look what the booklet for
Yxy(50.6254, 0.2897, 0.4067)
contains.

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Color

Yxy(50.7276, 0.2893, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	7CCE99
RGB	124, 206, 153
RGB Percent	49%, 81%, 60%
CMY	0.5139, 0.1921, 0.4000
CMYK	0.40, 0.00, 0.26, 0.19
HSL	141°, 46%, 65%
HSV	141°, 40%, 81%
XYZ	36.1287, 50.7276, 38.0270
YIQ	175.4400, -31.8590, -33.8670

Conversions

Conversions Part 2

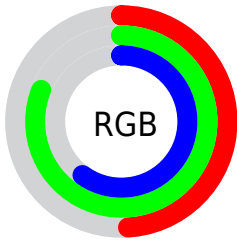
Format	Color
RYB	124, 185, 206
Decimal	8179353
CIELab	76.51, -36.57, 18.66
CIElCh	77, 41.058, 152.966
Yxy	50.7276, 0.2893, 0.4062
Android (android.graphics.Color)	4286369433 (0xFF7CCE99)
YUV	175.4400, -11.0629, -45.1129
Hunter-Lab	71.2233, -34.0949, 18.2007

Details

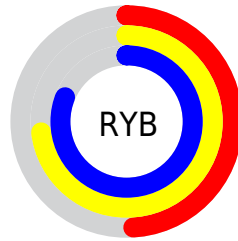
The Yxy color **50.7276, 0.2893, 0.4062** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.7002, 0.3480, 0.2632**, and the grayscale version is **43.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6087, 0.2938, 0.3833**, and **24.3946, 0.2814, 0.4293** is the 20% darker color. If you saturate the color by 10%, you get **48.9370, 0.2849, 0.4301**, and if you desaturate by 10%, it is **52.8920, 0.2946, 0.3839**.

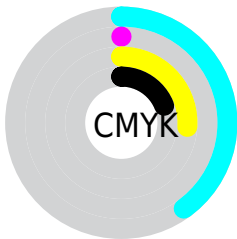
Distribution



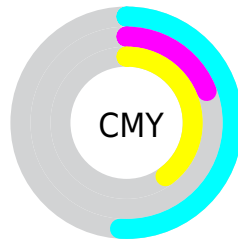
- Red (49%)
- Green (81%)
- Blue (60%)



- Red (49%)
- Yellow (73%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)





- Cyan (51%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7276, 0.2893, 0.4062 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 50.7276, 0.2893, 0.4062 by changing the saturation by 10% instead.

 50.7276, 0.2893,
0.4062

 50.7276, 0.2893,
0.4062


389.5045, 0.3018,
0.3663

 35.9919, 0.2859,
0.4166


 91.2520, 0.2940,
0.3914

 24.4279, 0.2815,
0.4302

 117.8094, 0.2957,
0.3859

 15.6514, 0.2753,
0.4486


 149.0763, 0.2972,
0.3813

 9.2778, 0.2661,
0.4751

185.4368, 0.2984,
0.3774

 4.9228, 0.2515,
0.5159

227.2755, 0.2994,
0.3740

 2.2020, 0.2263,
0.5899

274.9768, 0.3003,

 0.7211, 0.0000,

0.3711

1.0000

328.9250, 0.3011,
0.3685

0.0000, 0.0000,
0.0000

50.7276, 0.2893,
0.4062

50.7276, 0.2893,
0.4062

48.9370, 0.2849,
0.4301

52.8920, 0.2946,
0.3839

47.4921, 0.2817,
0.4549

55.4439, 0.3004,
0.3635

46.3710, 0.2801,
0.4800


58.4038, 0.3066,
0.3451


45.5464, 0.2802,
0.5044


61.7888, 0.3128,
0.3287

44.9862, 0.2820,
0.5269

65.6154, 0.3190,
0.3143

 44.6332, 0.2852,
0.5467

 69.8989, 0.3250,
0.3017

 44.6280, 0.2853,
0.5470

 72.0712, 0.3211,
0.2894

 72.6277, 0.3150,
0.2811

Harmonies

Analogous

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



50.7276, 0.3440, 0.4302



50.7276, 0.2893, 0.4062



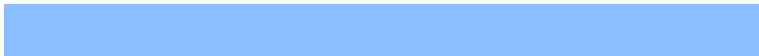
50.7276, 0.2435, 0.3547

Triad

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



50.7276, 0.2893, 0.4062



50.7276, 0.2339, 0.2422



50.7276, 0.4186, 0.3435

Complementary

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



50.7276, 0.2893, 0.4062



30.7002, 0.3480, 0.2632

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.



50.7276, 0.3839, 0.3011



50.7276, 0.2893, 0.4062



50.7276, 0.2746, 0.2453

Square

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



50.7276, 0.2893, 0.4062



50.7276, 0.2140, 0.2600



50.7276, 0.3294, 0.2664



50.7276, 0.4212, 0.3863

Rectangle

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



50.7276, 0.2893, 0.4062



50.7276, 0.2234, 0.3169



50.7276, 0.3294, 0.2664



50.7276, 0.4103, 0.3290

Sweetspot

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



50.7297, 0.2893, 0.4062



93.4430, 0.3051, 0.3492



54.9832, 0.3478, 0.4355



19.8611, 0.3043, 0.3516



0.0000, 0.0000, 0.0000



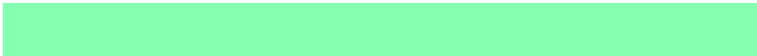
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7297, 0.2893, 0.4062



79.6062, 0.2854, 0.4270



52.3112, 0.2650, 0.3459



12.6015, 0.3068, 0.3443



27.4941, 0.2845, 0.5443



1.4327, 0.2732, 0.5036

Inverse Universe

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



30.7002, 0.3480, 0.2632



42.6622, 0.3589, 0.2493



29.3126, 0.3969, 0.3134



11.3337, 0.3191, 0.3141



9.1429, 0.4344, 0.2167



0.4858, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 50.7276, 0.2893, 0.4062 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 50.7276, 0.2893, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

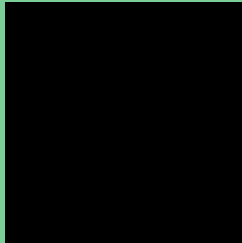
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7276, 0.2893, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 50.7276, 0.2893, 0.4062.

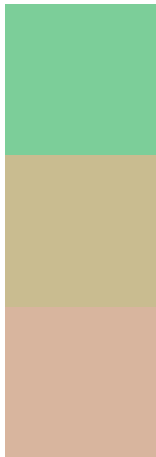


This preview shows how white text looks on a background with the Yxy color 50.7276, 0.2893, 0.4062.

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

50.7276, 0.2893, 0.4062

Protanopia

50.3976, 0.3592, 0.3843

Deuteranopia

50.1153, 0.3632, 0.3568



Tritanopia

50.5616, 0.2595, 0.3077

Trichromacy



Original Color

50.7276, 0.2893, 0.4062



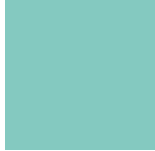
Protanomaly

50.0210, 0.3306, 0.3936



Deuteranomaly

49.2945, 0.3332, 0.3738



Tritanomaly

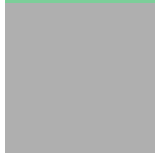
50.4846, 0.2699, 0.3413

Monochromacy



Original Color

50.7276, 0.2893, 0.4062



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

44.9758, 0.3025, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7276, 0.2893, 0.4062 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(124, 206, 153)` looks like.

```
.text, #text, p{  
    color:rgb(124, 206, 153)  
}
```

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(124, 206, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 206, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.7276, 0.2893, 0.4062 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(124, 206, 153) }
```

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

```
.border{ border-color:rgb(124, 206, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 206, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 206, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 206, 153);  
box-shadow:4px 4px 4px 4px rgb(124, 206,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7276, 0.2893, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 206, 153) }
```

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

```
.background{ background-color: rgb(124,  
206, 153) }
```

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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