

Converting Colors

$Yxy(50.7015, 0.2491, 0.3447)$

Have a look what the booklet for
Yxy(50.7015, 0.2491, 0.3447)
contains.

Yxy(50.8929, 0.2494, 0.3460)	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(50.8929, 0.2494, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	5DCFC3
RGB	93, 207, 195
RGB Percent	36%, 81%, 76%
CMY	0.6349, 0.1883, 0.2353
CMYK	0.55, 0.00, 0.06, 0.19
HSL	174°, 54%, 59%
HSV	174°, 55%, 81%
XYZ	36.6841, 50.8929, 59.5123
YIQ	171.5460, -64.0920, -27.9000

Conversions

Conversions Part 2

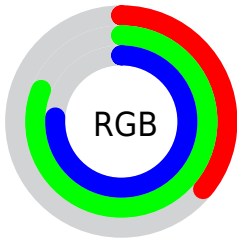
Format	Color
RYB	93, 153, 207
Decimal	6148035
CIELab	76.61, -35.16, -3.84
CIELCh	77, 35.368, 186.239
Yxy	50.8929, 0.2494, 0.3460
Android (android.graphics.Color)	4284338115 (0xFF5DCFC3)
YUV	171.5460, 11.5628, -68.8848
Hunter-Lab	71.3393, -33.0554, 0.4768

Details

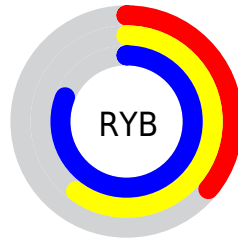
The Yxy color **50.8929, 0.2494, 0.3460** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.1346, 0.4581, 0.3148**, and the grayscale version is **40.9927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1604, 0.2588, 0.3333**, and **24.4987, 0.2329, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **49.8576, 0.2427, 0.3496**, and if you desaturate by 10%, it is **52.2260, 0.2579, 0.3425**.

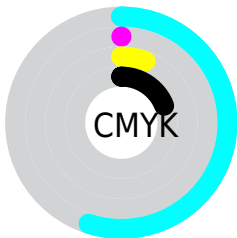
Distribution



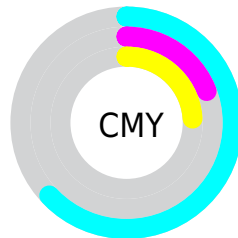
- Red (36%)
- Green (81%)
- Blue (76%)



- Red (36%)
- Yellow (60%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)





- Cyan (63%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8929, 0.2494, 0.3460 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 50.8929, 0.2494, 0.3460 by changing the saturation by 10% instead.


 50.8929, 0.2494,
0.3460


 50.8929, 0.2494,
0.3460

390.1475, 0.2802,
0.3381

 36.1234, 0.2420,
0.3478


 91.4964, 0.2604,
0.3433

 24.5295, 0.2327,
0.3500


 118.0993, 0.2645,
0.3422

 15.7269, 0.2206,
0.3528


 149.4153, 0.2681,
0.3413

 9.3311, 0.2043,
0.3563

 185.8289, 0.2712,
0.3405

 4.9578, 0.1813,
0.3608

227.7246, 0.2739,
0.3398

 2.2225, 0.1469,
0.3665

275.4866, 0.2762,

 0.7322, 0.0000,

0.3391

0.4064

329.4995, 0.2783,
0.3386

0.0000, 0.0000,
0.0000

50.8929, 0.2494,
0.3460

50.8929, 0.2494,
0.3460

49.8576, 0.2427,
0.3496

52.2260, 0.2579,
0.3425

49.0899, 0.2380,
0.3532

53.8725, 0.2680,
0.3391

48.5639, 0.2352,
0.3569

55.8537, 0.2795,
0.3360

48.2452, 0.2341,
0.3605

58.1876, 0.2922,
0.3330

48.1326, 0.2340,
0.3623

60.8908, 0.3057,
0.3303

■ 63.9789, 0.3198,
0.3278

■ 67.4665, 0.3341,
0.3256

■ 70.6583, 0.3457,
0.3235

■ 70.7694, 0.3440,
0.3213

Harmonies

Analogous

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



50.8929, 0.2881, 0.3906



50.8929, 0.2494, 0.3460



50.8929, 0.2281, 0.2998

Triad

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



50.8929, 0.2494, 0.3460



50.8929, 0.2847, 0.2570



50.8929, 0.4049, 0.3835

Complementary

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



50.8929, 0.2494, 0.3460



22.1346, 0.4581, 0.3148

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.



50.8929, 0.4054, 0.3468



50.8929, 0.2494, 0.3460



50.8929, 0.3328, 0.2772

Square

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



50.8929, 0.2494, 0.3460



50.8929, 0.2473, 0.2528



50.8929, 0.3783, 0.3090



50.8929, 0.3785, 0.4099

Rectangle

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



50.8929, 0.2494, 0.3460



50.8929, 0.2254, 0.2759



50.8929, 0.3783, 0.3090



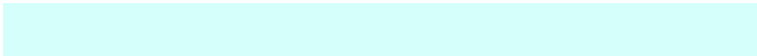
50.8929, 0.4083, 0.3719

Sweetspot

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



50.8949, 0.2494, 0.3460



92.3943, 0.2894, 0.3336



48.5031, 0.3124, 0.5004



19.6089, 0.2867, 0.3342



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.



50.8949, 0.2494, 0.3460



79.6615, 0.2418, 0.3502



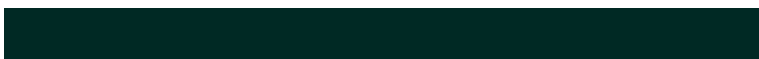
33.1520, 0.2297, 0.2631



13.3847, 0.2997, 0.3314



30.3363, 0.2338, 0.3618



1.7025, 0.2320, 0.3551

Inverse Universe

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



22.1346, 0.4581, 0.3148



29.0363, 0.5096, 0.3139



31.8812, 0.4407, 0.3836



11.8282, 0.3274, 0.3266



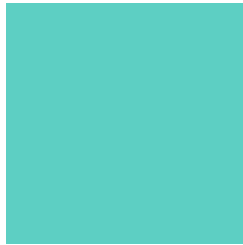
8.4006, 0.6266, 0.3226



0.4767, 0.5912, 0.3030

Previews

White Background



This preview shows how the Yxy color 50.8929, 0.2494, 0.3460 looks on a white background.

Color Contrast Check

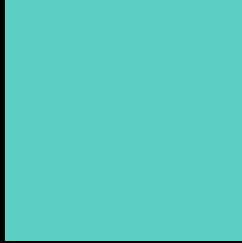
Large Text (above 18pt) WCAG AA × Fail

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 50.8929, 0.2494, 0.3460 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

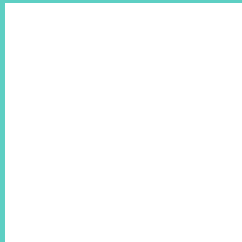
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8929, 0.2494, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 50.8929, 0.2494, 0.3460.

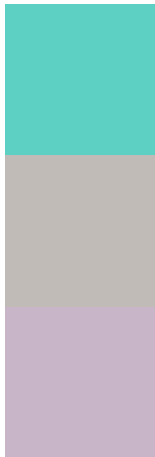


This preview shows how white text looks on a background with the Yxy color 50.8929, 0.2494, 0.3460.

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

50.8929, 0.2494, 0.3460

Protanopia

50.1660, 0.3200, 0.3341

Deuteranopia

49.9054, 0.3137, 0.3072



Tritanopia

50.7040, 0.2397, 0.3057

Trichromacy



Original Color

50.8929, 0.2494, 0.3460



Protanomaly

49.2393, 0.2884, 0.3384



Deuteranomaly

48.9159, 0.2844, 0.3197



Tritanomaly

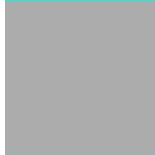
50.5415, 0.2430, 0.3191

Monochromacy



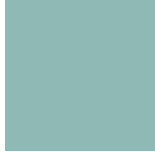
Original Color

50.8929, 0.2494, 0.3460



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

43.8329, 0.2830, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8929, 0.2494, 0.3460 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(93, 207, 195)` looks like.

```
.text, #text, p{  
    color:rgb(93, 207, 195)  
}
```

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(93, 207, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 207, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.8929, 0.2494, 0.3460 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(93, 207, 195) }
```

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

```
.border{ border-color:rgb(93, 207, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 207, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 207, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 207, 195);  
box-shadow:4px 4px 4px 4px rgb(93, 207,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8929, 0.2494, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 207, 195) }
```

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

```
.background{ background-color: rgb(93, 207,  
195) }
```

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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