

Converting Colors

$Yxy(52.8764, 0.2485, 0.3546)$

Have a look what the booklet for
Yxy(52.8764, 0.2485, 0.3546)
contains.

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Color

Yxy(52.9604, 0.2485, 0.3545)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 56D4C2 |
| RGB | 86, 212, 194 |
| RGB Percent | 34%, 83%, 76% |
| CMY | 0.6624, 0.1686, 0.2392 |
| CMYK | 0.59, 0.00, 0.08, 0.17 |
| HSL | 171°, 59%, 58% |
| HSV | 171°, 59%, 83% |
| XYZ | 37.1246, 52.9604, 59.3097 |
| YIQ | 172.2740, -69.3180, -32.3100 |

Conversions

Conversions Part 2

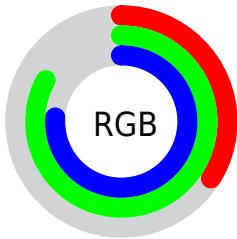
| Format | Color |
|-------------------------------------|---|
| RYB | 86, 154, 212 |
| Decimal | 5690562 |
| CIELab | 77.85, -39.04, -1.52 |
| CIElCh | 78, 39.071, 182.236 |
| Yxy | 52.9604, 0.2485, 0.3545 |
| Android (android.graphics.Color) | 4283880642 (0xFF56D4C2) |
| YUV | 172.2740, 10.7109, -75.6623 |
| Hunter-Lab | 72.7739, -36.2951, 2.6212 |

Details

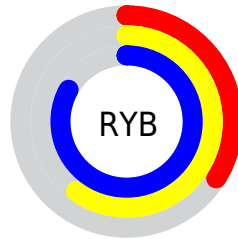
The Yxy color **52.9604, 0.2485, 0.3545** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.6652, 0.4698, 0.3086**, and the grayscale version is **41.3832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6252, 0.2571, 0.3345**, and **26.0370, 0.2335, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **51.9653, 0.2430, 0.3595**, and if you desaturate by 10%, it is **54.2608, 0.2559, 0.3496**.

Distribution



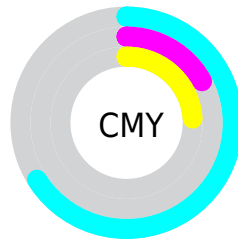
- Red (34%)
- Green (83%)
- Blue (76%)



- Red (34%)
- Yellow (60%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)




- Cyan (66%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9604, 0.2485, 0.3545 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 52.9604, 0.2485, 0.3545 by changing the saturation by 10% instead.


 52.9604, 0.2485,
0.3545


 52.9604, 0.2485,
0.3545

398.1332, 0.2796,
0.3423

 37.7712, 0.2411,
0.3574


 94.5461, 0.2596,
0.3502


 25.8051, 0.2317,
0.3610


 121.7113, 0.2638,
0.3485

 16.6779, 0.2196,
0.3656


 153.6374, 0.2674,
0.3471

 10.0051, 0.2033,
0.3717

 190.7086, 0.2705,
0.3459

 5.4024, 0.1805,
0.3801

233.3094, 0.2732,
0.3448

 2.4852, 0.1465,
0.3922

281.8241, 0.2756,

 0.8692, 0.0000,

0.3439

0.4516

336.6373, 0.2777,
0.3430

0.0000, 0.0000,
0.0000

52.9604, 0.2485,
0.3545

52.9604, 0.2485,
0.3545

51.9653, 0.2430,
0.3595

54.2608, 0.2559,
0.3496

51.2421, 0.2393,
0.3646

55.8843, 0.2651,
0.3449

50.7605, 0.2376,
0.3696

57.8545, 0.2757,
0.3404

50.4663, 0.2375,
0.3746

60.1911, 0.2875,
0.3362

50.4504, 0.2375,
0.3749

62.9121, 0.3002,
0.3323

■ 66.0347, 0.3135,
0.3288

■ 69.5747, 0.3272,
0.3256

■ 73.4191, 0.3406,
0.3228

■ 73.5793, 0.3384,
0.3197

Harmonies

Analogous

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



52.9604, 0.2922, 0.4019



52.9604, 0.2485, 0.3545



52.9604, 0.2229, 0.3028

Triad

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



52.9604, 0.2485, 0.3545



52.9604, 0.2758, 0.2496



52.9604, 0.4149, 0.3826

Complementary

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



52.9604, 0.2485, 0.3545



21.6652, 0.4698, 0.3086

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.



52.9604, 0.4116, 0.3421



52.9604, 0.2485, 0.3545



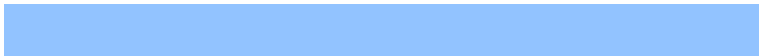
52.9604, 0.3272, 0.2692

Square

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



52.9604, 0.2485, 0.3545



52.9604, 0.2377, 0.2473



52.9604, 0.3784, 0.3020



52.9604, 0.3891, 0.4140

Rectangle

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



52.9604, 0.2485, 0.3545



52.9604, 0.2180, 0.2754



52.9604, 0.3784, 0.3020



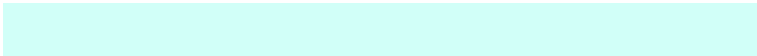
52.9604, 0.4173, 0.3695

Sweetspot

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



52.9625, 0.2485, 0.3545



91.8948, 0.2890, 0.3357



50.7591, 0.3143, 0.5138



19.4287, 0.2853, 0.3369



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.



52.9625, 0.2485, 0.3545



78.6388, 0.2419, 0.3607



34.7128, 0.2254, 0.2633



14.0759, 0.3001, 0.3323



31.1584, 0.2373, 0.3742



1.8879, 0.2349, 0.3655

Inverse Universe

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



21.6652, 0.4698, 0.3086



27.0673, 0.5233, 0.3081



30.6746, 0.4587, 0.3820



12.4494, 0.3269, 0.3257



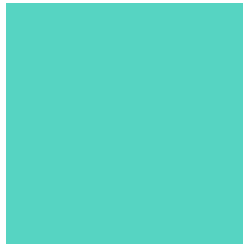
8.7087, 0.6199, 0.3188



0.5348, 0.5787, 0.2962

Previews

White Background



This preview shows how the Yxy color 52.9604, 0.2485, 0.3545 looks on a white background.

Color Contrast Check

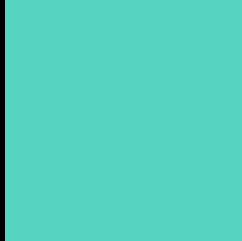
Large Text (above 18pt) WCAG AA × Fail

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 52.9604, 0.2485, 0.3545 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

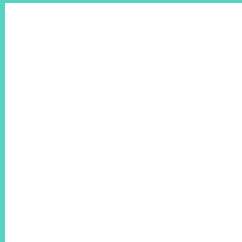
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9604, 0.2485, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 52.9604, 0.2485, 0.3545.

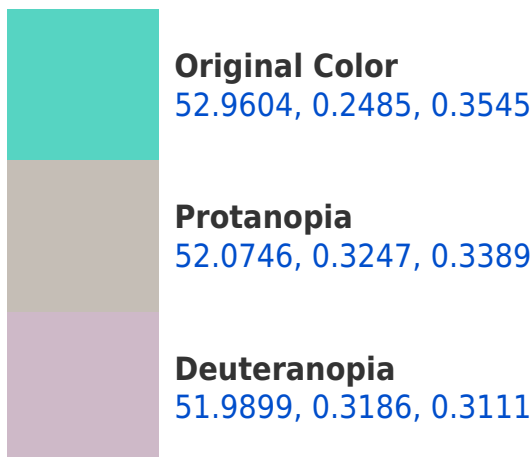


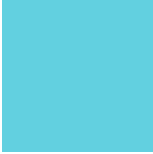
This preview shows how white text looks on a background with the Yxy color 52.9604, 0.2485, 0.3545.

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





Tritanopia

53.0902, 0.2376, 0.3073

Trichromacy



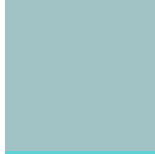
Original Color

52.9604, 0.2485, 0.3545



Protanomaly

51.1014, 0.2901, 0.3450



Deuteranomaly

50.7888, 0.2854, 0.3250



Tritanomaly

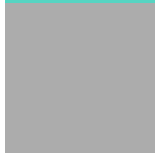
52.7847, 0.2415, 0.3233

Monochromacy



Original Color

52.9604, 0.2485, 0.3545



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

44.4987, 0.2817, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9604, 0.2485, 0.3545 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(86, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(86, 212, 194)  
}
```

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(86, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 212, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.9604, 0.2485, 0.3545 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(86, 212, 194) }
```

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

```
.border{ border-color:rgb(86, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(86, 212,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9604, 0.2485, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 212, 194) }
```

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

```
.background{ background-color: rgb(86, 212,  
194) }
```

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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