

Converting Colors

$Y_{xy}(54.6596, 0.2570, 0.3480)$

Have a look what the booklet for
Yxy(54.6596, 0.2570, 0.3480)
contains.

| | |
|---|----|
| Yxy(54.5437, 0.2572, 0.3482) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(54.5437, 0.2572, 0.3482)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6FD4C6 |
| RGB | 111, 212, 198 |
| RGB Percent | 44%, 83%, 78% |
| CMY | 0.5647, 0.1686, 0.2236 |
| CMYK | 0.48, 0.00, 0.07, 0.17 |
| HSL | 172°, 54%, 63% |
| HSV | 172°, 48%, 83% |
| XYZ | 40.2890, 54.5437, 61.8120 |
| YIQ | 180.2050, -55.7020, -25.7660 |

Conversions

Conversions Part 2

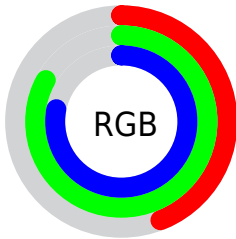
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 111, 165, 212 |
| Decimal | 7328966 |
| CIELab | 78.78, -32.93, -2.19 |
| CIELCh | 79, 33.003, 183.810 |
| Yxy | 54.5437, 0.2572, 0.3482 |
| Android (android.graphics.Color) | 4285519046 (0xFF6FD4C6) |
| YUV | 180.2050, 8.7729, -60.6928 |
| Hunter-Lab | 73.8537, -31.8678, 2.0747 |

Details

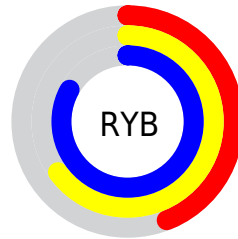
The Yxy color **54.5437, 0.2572, 0.3482** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.8489, 0.4246, 0.3120**, and the grayscale version is **45.7322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **26.8057, 0.2428, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **53.1953, 0.2494, 0.3529**, and if you desaturate by 10%, it is **56.2254, 0.2666, 0.3437**.

Distribution



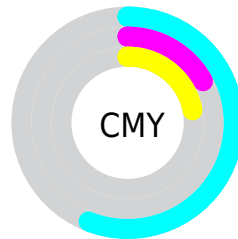
- Red (44%)
- Green (83%)
- Blue (78%)



- Red (44%)
- Yellow (65%)
- Blue (83%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)




- Cyan (56%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5437, 0.2572, 0.3482 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 54.5437, 0.2572, 0.3482 by changing the saturation by 10% instead.


 54.5437, 0.2572,
0.3482


 54.5437, 0.2572,
0.3482


404.1799, 0.2840,
0.3391


 39.0365, 0.2508,
0.3503


 96.8721, 0.2667,
0.3450

 26.7881, 0.2428,
0.3530


 124.4621, 0.2703,
0.3438

 17.4142, 0.2324,
0.3563


 156.8484, 0.2734,
0.3427

 10.5302, 0.2185,
0.3607

194.4156, 0.2761,
0.3418

 5.7519, 0.1989,
0.3668

237.5479, 0.2785,
0.3410

 2.6948, 0.1695,
0.3753

286.6298, 0.2805,

 0.9746, 0.0514,

0.3403

0.4187

342.0457, 0.2823,
0.3397

0.0000, 0.0000,
0.0000

54.5437, 0.2572,
0.3482

54.5437, 0.2572,
0.3482

53.1953, 0.2494,
0.3529

56.2254, 0.2666,
0.3437

52.1503, 0.2435,
0.3578

58.2550, 0.2775,
0.3393

51.3841, 0.2395,
0.3627

60.6542, 0.2895,
0.3353


50.8657, 0.2375,
0.3676

63.4409, 0.3024,
0.3316

50.5515, 0.2371,
0.3725


66.6318, 0.3159,
0.3282

 50.4904, 0.2371,
0.3736

 70.2428, 0.3297,
0.3252

 73.4435, 0.3403,
0.3224

 73.5996, 0.3382,
0.3195

 73.7586, 0.3360,
0.3165

Harmonies

Analogous

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



54.5437, 0.2938, 0.3874



54.5437, 0.2572, 0.3482



54.5437, 0.2359, 0.3058

Triad

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



54.5437, 0.2572, 0.3482



54.5437, 0.2840, 0.2619



54.5437, 0.3979, 0.3769

Complementary

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



54.5437, 0.2572, 0.3482



26.8489, 0.4246, 0.3120

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.



54.5437, 0.3960, 0.3429



54.5437, 0.2572, 0.3482



54.5437, 0.3276, 0.2794

Square

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



54.5437, 0.2572, 0.3482



54.5437, 0.2506, 0.2594



54.5437, 0.3696, 0.3082



54.5437, 0.3757, 0.4017

Rectangle

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



54.5437, 0.2572, 0.3482



54.5437, 0.2323, 0.2830



54.5437, 0.3696, 0.3082



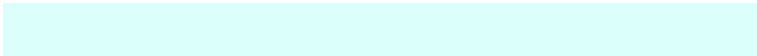
54.5437, 0.4002, 0.3661

Sweetspot

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



54.5458, 0.2572, 0.3482



93.5312, 0.2940, 0.3340



52.6853, 0.3154, 0.4743



19.8293, 0.2912, 0.3348



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.



54.5458, 0.2572, 0.3482



80.7993, 0.2495, 0.3529



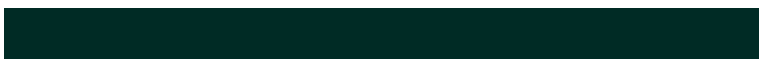
39.4416, 0.2407, 0.2785



14.0768, 0.3001, 0.3322



31.1792, 0.2369, 0.3729



1.8889, 0.2346, 0.3645

Inverse Universe

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



26.8489, 0.4246, 0.3120



33.9441, 0.4631, 0.3095



35.8127, 0.4204, 0.3731



12.4486, 0.3269, 0.3258



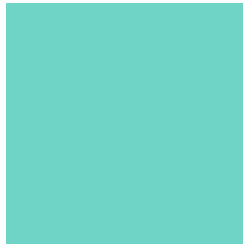
8.7060, 0.6206, 0.3193



0.5344, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 54.5437, 0.2572, 0.3482 looks on a white background.

Color Contrast Check

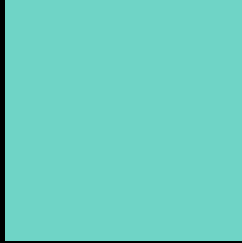
Large Text (above 18pt) WCAG AA × Fail

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 54.5437, 0.2572, 0.3482 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

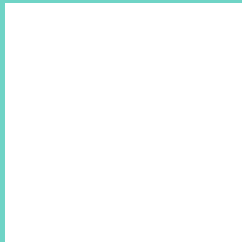
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5437, 0.2572, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 54.5437, 0.2572, 0.3482.

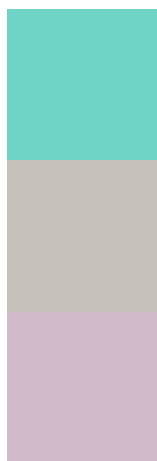


This preview shows how white text looks on a background with the Yxy color 54.5437, 0.2572, 0.3482.

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

54.5437, 0.2572, 0.3482

Protanopia

53.8699, 0.3221, 0.3364

Deuteranopia

53.6881, 0.3176, 0.3113



Tritanopia

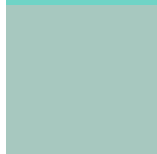
54.4699, 0.2463, 0.3066

Trichromacy



Original Color

54.5437, 0.2572, 0.3482



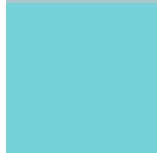
Protanomaly

53.2856, 0.2940, 0.3406



Deuteranomaly

53.0338, 0.2915, 0.3239



Tritanomaly

54.2202, 0.2501, 0.3208

Monochromacy



Original Color

54.5437, 0.2572, 0.3482



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

48.2557, 0.2876, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5437, 0.2572, 0.3482 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(111, 212, 198)` looks like.

```
.text, #text, p{  
  color:rgb(111, 212, 198)  
}
```

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(111, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 212, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.5437, 0.2572, 0.3482 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(111, 212, 198) }
```

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

```
.border{ border-color:rgb(111, 212, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 212, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(111, 212,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5437, 0.2572, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 212, 198) }
```

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

```
.background{ background-color: rgb(111,  
212, 198) }
```

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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