

Converting Colors

$Yxy(52.3353, 0.2461, 0.3447)$

Have a look what the booklet for
Yxy(52.3353, 0.2461, 0.3447)
contains.

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Color

Yxy(52.2914, 0.2462, 0.3444)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 58D2C7 |
| RGB | 88, 210, 199 |
| RGB Percent | 35%, 82%, 78% |
| CMY | 0.6548, 0.1765, 0.2196 |
| CMYK | 0.58, 0.00, 0.05, 0.18 |
| HSL | 175°, 58%, 58% |
| HSV | 175°, 58%, 82% |
| XYZ | 37.3814, 52.2914, 62.1606 |
| YIQ | 172.2680, -69.1810, -29.2850 |

Conversions

Conversions Part 2

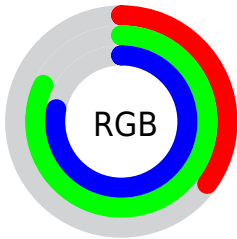
| Format | Color |
|-------------------------------------|---|
| RYB | 88, 152, 210 |
| Decimal | 5821127 |
| CIELab | 77.45, -36.49, -4.78 |
| CIELCh | 77, 36.802, 187.470 |
| Yxy | 52.2914, 0.2462, 0.3444 |
| Android (android.graphics.Color) | 4284011207 (0xFF58D2C7) |
| YUV | 172.2680, 13.1789, -73.9030 |
| Hunter-Lab | 72.3128, -34.2736, -0.3471 |

Details

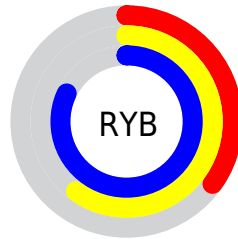
The Yxy color **52.2914, 0.2462, 0.3444** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.5850, 0.4741, 0.3166**, and the grayscale version is **41.3591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1296, 0.2557, 0.3288**, and **25.4870, 0.2301, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **51.3244, 0.2400, 0.3475**, and if you desaturate by 10%, it is **53.5586, 0.2543, 0.3414**.

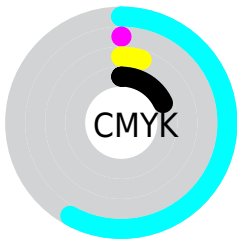
Distribution



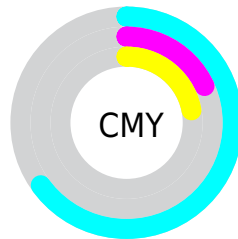
- Red (35%)
- Green (82%)
- Blue (78%)



- Red (35%)
- Yellow (60%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)





- Cyan (65%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2914, 0.2462, 0.3444 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 52.2914, 0.2462, 0.3444 by changing the saturation by 10% instead.


 52.2914, 0.2462,
0.3444


 52.2914, 0.2462,
0.3444


395.5605, 0.2783,
0.3374

 37.2374, 0.2386,
0.3459


 93.5609, 0.2576,
0.3420


 25.3914, 0.2289,
0.3478


 120.5451, 0.2620,
0.3411

 16.3689, 0.2165,
0.3501


 152.2749, 0.2657,
0.3403

 9.7855, 0.1999,
0.3529

 189.1346, 0.2689,
0.3395

 5.2570, 0.1767,
0.3562

231.5086, 0.2717,
0.3389

 2.3988, 0.1425,
0.3598

279.7813, 0.2742,

 0.8253, 0.0000,

0.3383

0.3960

334.3372, 0.2764,
0.3378

■ 0.0000, 0.0000,
0.0000

■ 52.2914, 0.2462,
0.3444

■ 52.2914, 0.2462,
0.3444

■ 51.3244, 0.2400,
0.3475

■ 53.5586, 0.2543,
0.3414

■ 50.6255, 0.2358,
0.3506

■ 55.1431, 0.2640,
0.3385

■ 50.1659, 0.2334,
0.3536

■ 57.0675, 0.2753,
0.3358

■ 49.9009, 0.2326,
0.3567

■ 59.3509, 0.2878,
0.3332

■ 49.8590, 0.2326,
0.3572

■ 62.0110, 0.3013,
0.3308

■ 65.0640, 0.3155,
0.3286

■ 68.5255, 0.3300,
0.3266

■ 72.2166, 0.3439,
0.3249

■ 72.3139, 0.3425,
0.3230

Harmonies

Analogous

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



52.2914, 0.2853, 0.3911



52.2914, 0.2462, 0.3444



52.2914, 0.2252, 0.2970

Triad

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



52.2914, 0.2462, 0.3444



52.2914, 0.2857, 0.2556



52.2914, 0.4071, 0.3863

Complementary

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



52.2914, 0.2462, 0.3444



21.5850, 0.4741, 0.3166

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.



52.2914, 0.4089, 0.3487



52.2914, 0.2462, 0.3444



52.2914, 0.3355, 0.2768

Square

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



52.2914, 0.2462, 0.3444



52.2914, 0.2466, 0.2504



52.2914, 0.3820, 0.3098



52.2914, 0.3788, 0.4131

Rectangle

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



52.2914, 0.2462, 0.3444



52.2914, 0.2230, 0.2729



52.2914, 0.3820, 0.3098



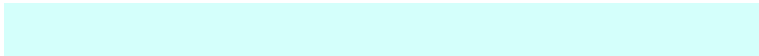
52.2914, 0.4110, 0.3744

Sweetspot

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



52.2934, 0.2462, 0.3444



92.4360, 0.2890, 0.3329



49.5204, 0.3108, 0.5115



19.6188, 0.2864, 0.3335



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.



52.2934, 0.2462, 0.3444



79.3040, 0.2387, 0.3483



32.2910, 0.2249, 0.2554



13.3880, 0.2995, 0.3311



30.4205, 0.2324, 0.3568



1.7064, 0.2309, 0.3512

Inverse Universe

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



21.5850, 0.4741, 0.3166



27.2810, 0.5315, 0.3165



32.2442, 0.4489, 0.3885



11.8253, 0.3277, 0.3269



8.3928, 0.6291, 0.3239



0.4754, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 52.2914, 0.2462, 0.3444 looks on a white background.

Color Contrast Check

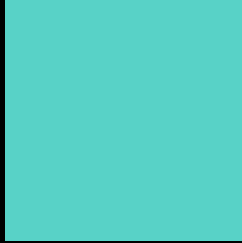
Large Text (above 18pt) WCAG AA × Fail

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 52.2914, 0.2462, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

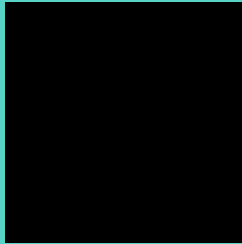
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

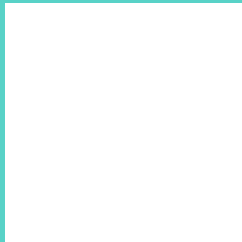
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2914, 0.2462, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 52.2914, 0.2462, 0.3444.

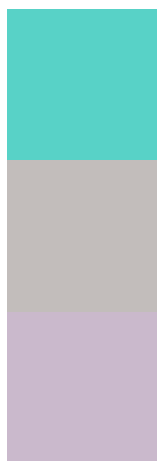


This preview shows how white text looks on a background with the Yxy color 52.2914, 0.2462, 0.3444.

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

52.2914, 0.2462, 0.3444

Protanopia

51.4524, 0.3184, 0.3315

Deuteranopia

51.6141, 0.3121, 0.3062



Tritanopia

52.0117, 0.2371, 0.3058

Trichromacy



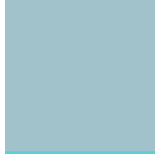
Original Color

52.2914, 0.2462, 0.3444



Protanomaly

50.6627, 0.2852, 0.3369



Deuteranomaly

50.4249, 0.2820, 0.3185



Tritanomaly

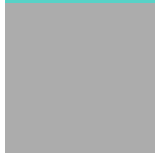
51.8604, 0.2404, 0.3191

Monochromacy



Original Color

52.2914, 0.2462, 0.3444



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

44.1579, 0.2803, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2914, 0.2462, 0.3444 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(88, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(88, 210, 199)  
}
```

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(88, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 210, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.2914, 0.2462, 0.3444 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(88, 210, 199) }
```

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

```
.border{ border-color:rgb(88, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(88, 210,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2914, 0.2462, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 210, 199) }
```

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

```
.background{ background-color: rgb(88, 210,  
199) }
```

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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