

Converting Colors

Yxy(53.4415, 0.2565, 0.3329)

Have a look what the booklet for
Yxy(53.4415, 0.2565, 0.3329)
contains.

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Color

Yxy(53.4415, 0.2565, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	77D0CD
RGB	119, 208, 205
RGB Percent	47%, 82%, 80%
CMY	0.5336, 0.1843, 0.1960
CMYK	0.43, 0.00, 0.01, 0.18
HSL	178°, 49%, 64%
HSV	178°, 43%, 82%
XYZ	41.1768, 53.4415, 65.9149
YIQ	181.0470, -52.0810, -19.8010

Conversions

Conversions Part 2

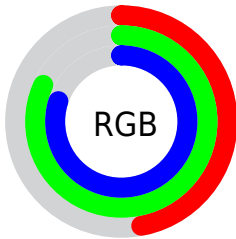
Format	Color
R _Y B	119, 164, 208
Decimal	7852237
CIE Lab	78.13, -27.42, -6.89
CIE LCh	78, 28.272, 194.099
Yxy	53.4415, 0.2565, 0.3329
Android (android.graphics.Color)	4286042317 (0xFF77D0CD)
YUV	181.0470, 11.8088, -54.4152
Hunter-Lab	73.1037, -27.3886, -2.2870

Details

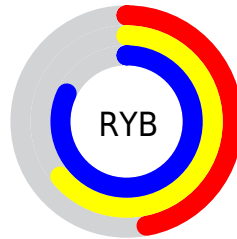
The Yxy color **53.4415, 0.2565, 0.3329** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.9903, 0.4200, 0.3255**, and the grayscale version is **46.1834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **26.0089, 0.2417, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **52.0969, 0.2471, 0.3340**, and if you desaturate by 10%, it is **55.1125, 0.2676, 0.3319**.

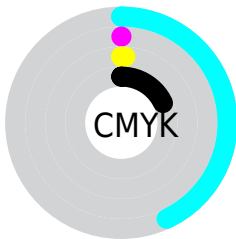
Distribution



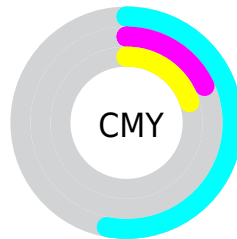
- Red (47%)
- Green (82%)
- Blue (80%)



- Red (47%)
- Yellow (64%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)





- Cyan (53%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4415, 0.2565, 0.3329 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 53.4415, 0.2565, 0.3329 by changing the saturation by 10% instead.


 53.4415, 0.2565,
0.3329


 53.4415, 0.2565,
0.3329


399.9767, 0.2835,
0.3315


 38.1553, 0.2501,
0.3331


 95.2537, 0.2661,
0.3325

 26.1033, 0.2420,
0.3333

 122.5486, 0.2698,
0.3323

 16.9009, 0.2316,
0.3333


 154.6151, 0.2729,
0.3322

 10.1639, 0.2176,
0.3332

191.8377, 0.2756,
0.3320

 5.5077, 0.1981,
0.3325

234.6007, 0.2780,
0.3319

 2.5481, 0.1690,
0.3301

283.2887, 0.2800,

 0.9007, 0.0707,

0.3317

0.3412

338.2858, 0.2819,
0.3316

0.0000, 0.0000,
0.0000

53.4415, 0.2565,
0.3329

53.4415, 0.2565,
0.3329

52.0969, 0.2471,
0.3340

55.1125, 0.2676,
0.3319

51.0510, 0.2395,
0.3350

57.1228, 0.2801,
0.3309

50.2823, 0.2339,
0.3361


59.4924, 0.2938,
0.3300

49.7633, 0.2302,
0.3372

62.2378, 0.3085,
0.3292


49.4611, 0.2282,
0.3383

65.3746, 0.3237,
0.3285

 49.3366, 0.2275,
0.3391

 68.9174, 0.3392,
0.3278

 71.0270, 0.3474,
0.3272

 71.0619, 0.3469,
0.3265

 71.0970, 0.3464,
0.3257

Harmonies

Analogous

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



53.4415, 0.2846, 0.3687



53.4415, 0.2565, 0.3329



53.4415, 0.2433, 0.2985

Triad

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



53.4415, 0.2565, 0.3329



53.4415, 0.3005, 0.2743



53.4415, 0.3819, 0.3796

Complementary

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



53.4415, 0.2565, 0.3329



27.9903, 0.4200, 0.3255

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.



53.4415, 0.3876, 0.3522



53.4415, 0.2565, 0.3329



53.4415, 0.3389, 0.2935

Square

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



53.4415, 0.2565, 0.3329



53.4415, 0.2674, 0.2675



53.4415, 0.3716, 0.3213



53.4415, 0.3572, 0.3956

Rectangle

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



53.4415, 0.2565, 0.3329



53.4415, 0.2439, 0.2816



53.4415, 0.3716, 0.3213



53.4415, 0.3862, 0.3713

Sweetspot

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



53.4436, 0.2565, 0.3329



94.1744, 0.2934, 0.3301



50.6872, 0.3095, 0.4599



19.9677, 0.2902, 0.3303



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.



53.4436, 0.2565, 0.3329



82.8180, 0.2482, 0.3338



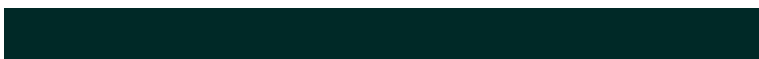
36.4480, 0.2453, 0.2712



13.4000, 0.2988, 0.3297



30.7479, 0.2275, 0.3389



1.7214, 0.2269, 0.3369

Inverse Universe

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



27.9903, 0.4200, 0.3255



37.5080, 0.4553, 0.3250



39.5429, 0.4008, 0.3797



11.8146, 0.3285, 0.3283



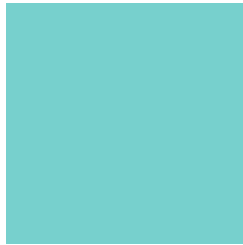
8.3702, 0.6361, 0.3278



0.4703, 0.6233, 0.3208

Previews

White Background



This preview shows how the Yxy color 53.4415, 0.2565, 0.3329 looks on a white background.

Color Contrast Check

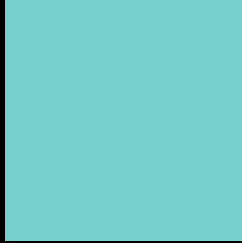
Large Text (above 18pt) WCAG AA × Fail

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 53.4415, 0.2565, 0.3329 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 53.4415, 0.2565, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 53.4415, 0.2565, 0.3329.

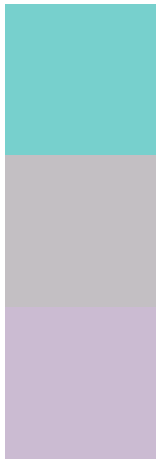


This preview shows how white text looks on a background with the Yxy color 53.4415, 0.2565, 0.3329.

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

53.4415, 0.2565, 0.3329

Protanopia

52.8038, 0.3129, 0.3241

Deuteranopia

52.8903, 0.3083, 0.3018



Tritanopia

53.2217, 0.2495, 0.3065

Trichromacy



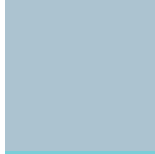
Original Color

53.4415, 0.2565, 0.3329



Protanomaly

52.2715, 0.2885, 0.3264



Deuteranomaly

52.3549, 0.2860, 0.3125



Tritanomaly

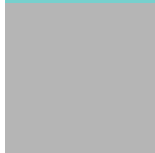
53.2381, 0.2518, 0.3155

Monochromacy



Original Color

53.4415, 0.2565, 0.3329



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.2484, 0.2877, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4415, 0.2565, 0.3329 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(119, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(119, 208, 205)  
}
```

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(119, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 208, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.4415, 0.2565, 0.3329 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(119, 208, 205) }
```

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

```
.border{ border-color:rgb(119, 208, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 208, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 208, 205); box-shadow:4px 4px 4px 4px rgb(119, 208, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4415, 0.2565, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 208, 205) }
```

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

```
.background{ background-color: rgb(119,  
208, 205) }
```

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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