

Converting Colors

$Y_{xy}(57.2865, 0.2574, 0.3322)$

Have a look what the booklet for
Yxy(57.2865, 0.2574, 0.3322)
contains.

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Color

Yxy(57.2066, 0.2572, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	7DD6D4
RGB	125, 214, 212
RGB Percent	49%, 84%, 83%
CMY	0.5098, 0.1608, 0.1687
CMYK	0.42, 0.00, 0.01, 0.16
HSL	179°, 52%, 66%
HSV	179°, 42%, 84%
XYZ	44.3847, 57.2066, 70.9776
YIQ	187.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

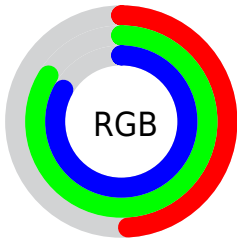
Format	Color
RYB	125, 170, 214
Decimal	8246996
CIELab	80.30, -27.15, -7.39
CIELCh	80, 28.141, 195.218
Yxy	57.2066, 0.2572, 0.3315
Android (android.graphics.Color)	4286437076 (0xFF7DD6D4)
YUV	187.1610, 12.2456, -54.5152
Hunter-Lab	75.6350, -27.6126, -2.6945

Details

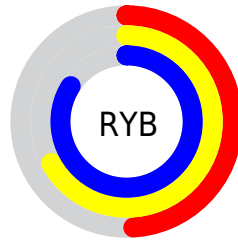
The Yxy color **57.2066, 0.2572, 0.3315** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.4957, 0.4169, 0.3268**, and the grayscale version is **49.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **28.4595, 0.2437, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **55.7436, 0.2475, 0.3322**, and if you desaturate by 10%, it is **59.0212, 0.2686, 0.3308**.

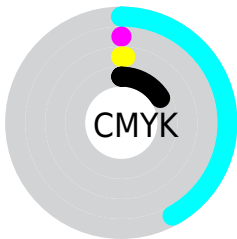
Distribution



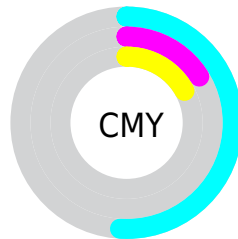
- Red (49%)
- Green (84%)
- Blue (83%)



- Red (49%)
- Yellow (67%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)




- Cyan (51%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2066, 0.2572, 0.3315 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 57.2066, 0.2572, 0.3315 by changing the saturation by 10% instead.


 57.2066, 0.2572,
0.3315


 57.2066, 0.2572,
0.3315

414.2230, 0.2836,
0.3308


 41.1711, 0.2510,
0.3315


 100.7666, 0.2665,
0.3314

 28.4528, 0.2433,
0.3315


 129.0599, 0.2701,
0.3313

 18.6673, 0.2334,
0.3313


 162.2079, 0.2731,
0.3312

 11.4301, 0.2203,
0.3308

200.5951, 0.2758,
0.3311

 6.3569, 0.2021,
0.3297

244.6058, 0.2781,
0.3310

 3.0633, 0.1754,
0.3270

294.6244, 0.2801,

 1.1649, 0.1174,

0.3309

351.0354, 0.2820,
0.3309

0.3254

0.0327, 0.0000,
0.0560

0.0000, 0.0000,
0.0000

57.2066, 0.2572,
0.3315

57.2066, 0.2572,
0.3315

55.7436, 0.2475,
0.3322

59.0212, 0.2686,
0.3308

54.6028, 0.2396,
0.3329


61.2010, 0.2814,
0.3302


53.7615, 0.2337,
0.3337


63.7673, 0.2954,
0.3296


53.1907, 0.2297,
0.3344


66.7376, 0.3103,
0.3291

 52.8559, 0.2275,
0.3351

 70.1285, 0.3257,
0.3286

 52.7071, 0.2266,
0.3357

 73.9555, 0.3415,
0.3282

 74.2831, 0.3423,
0.3277

 74.3082, 0.3420,
0.3272

 74.3334, 0.3416,
0.3267

Harmonies

Analogous

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



57.2066, 0.2842, 0.3664



57.2066, 0.2572, 0.3315



57.2066, 0.2449, 0.2984

Triad

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



57.2066, 0.2572, 0.3315



57.2066, 0.3022, 0.2761



57.2066, 0.3795, 0.3792

Complementary

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



57.2066, 0.2572, 0.3315



30.4957, 0.4169, 0.3268

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.



57.2066, 0.3857, 0.3528



57.2066, 0.2572, 0.3315



57.2066, 0.3396, 0.2953

Square

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



57.2066, 0.2572, 0.3315



57.2066, 0.2696, 0.2690



57.2066, 0.3709, 0.3226



57.2066, 0.3549, 0.3940

Rectangle

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



57.2066, 0.2572, 0.3315



57.2066, 0.2459, 0.2821



57.2066, 0.3709, 0.3226



57.2066, 0.3838, 0.3713

Sweetspot

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



57.2088, 0.2572, 0.3315



94.6065, 0.2946, 0.3296



54.1634, 0.3086, 0.4562



20.1356, 0.2928, 0.3297



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.



57.2088, 0.2572, 0.3315



83.1052, 0.2485, 0.3321



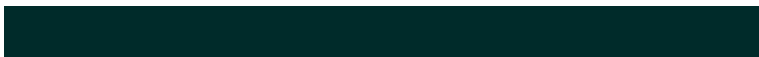
38.8983, 0.2468, 0.2709



14.1028, 0.2986, 0.3295



31.8579, 0.2266, 0.3356



1.9231, 0.2262, 0.3344

Inverse Universe

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



30.4957, 0.4169, 0.3268



38.1907, 0.4526, 0.3265



43.2445, 0.3970, 0.3801



12.4253, 0.3288, 0.3285



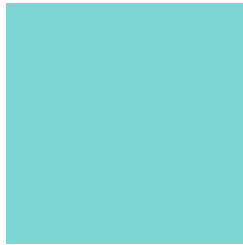
8.6496, 0.6374, 0.3285



0.5233, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 57.2066, 0.2572, 0.3315 looks on a white background.

Color Contrast Check

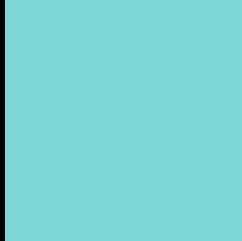
Large Text (above 18pt) WCAG AA × Fail

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 57.2066, 0.2572, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

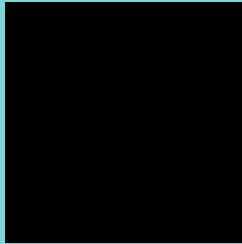
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

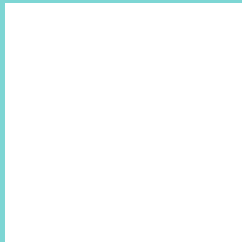
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2066, 0.2572, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 57.2066, 0.2572, 0.3315.

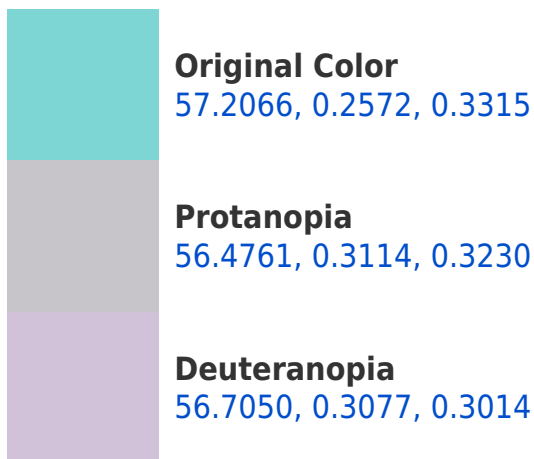


This preview shows how white text looks on a background with the Yxy color 57.2066, 0.2572, 0.3315.

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

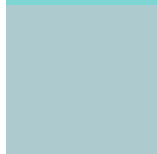
56.9915, 0.2504, 0.3059

Trichromacy



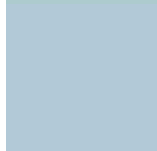
Original Color

57.2066, 0.2572, 0.3315



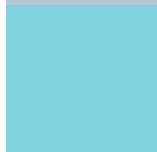
Protanomaly

56.0523, 0.2885, 0.3252



Deuteranomaly

56.1446, 0.2861, 0.3118



Tritanomaly

57.0039, 0.2526, 0.3146

Monochromacy



Original Color

57.2066, 0.2572, 0.3315



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.8105, 0.2884, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2066, 0.2572, 0.3315 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(125, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(125, 214, 212)  
}
```

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(125, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 214, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.2066, 0.2572, 0.3315 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(125, 214, 212) }
```

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

```
.border{ border-color:rgb(125, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(125, 214,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2066, 0.2572, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 214, 212) }
```

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

```
.background{ background-color: rgb(125,  
214, 212) }
```

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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