

Converting Colors

$Yxy(57.1063, 0.2727, 0.3381)$

Have a look what the booklet for
Yxy(57.1063, 0.2727, 0.3381)
contains.

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Color

Yxy(57.0592, 0.2728, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	92D3CC
RGB	146, 211, 204
RGB Percent	57%, 83%, 80%
CMY	0.4272, 0.1726, 0.2001
CMYK	0.31, 0.00, 0.03, 0.17
HSL	174°, 42%, 70%
HSV	174°, 31%, 83%
XYZ	46.0525, 57.0592, 65.7025
YIQ	190.7670, -36.4930, -15.9570

Conversions

Conversions Part 2

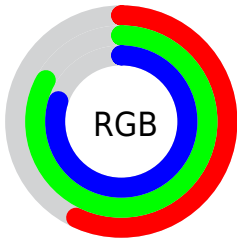
Format	Color
R _Y B	146, 180, 211
Decimal	9622476
CIE Lab	80.21, -22.00, -3.12
CIE LCh	80, 22.218, 188.079
Yxy	57.0592, 0.2728, 0.3380
Android (android.graphics.Color)	4287812556 (0xFF92D3CC)
YUV	190.7670, 6.5239, -39.2607
Hunter-Lab	75.5375, -23.3657, 1.3059

Details

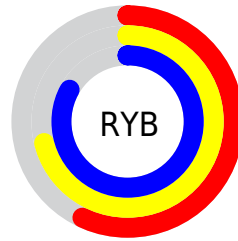
The Yxy color **57.0592, 0.2728, 0.3380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7246, 0.3743, 0.3204**, and the grayscale version is **51.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **28.2543, 0.2620, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **55.1936, 0.2621, 0.3414**, and if you desaturate by 10%, it is **59.2879, 0.2848, 0.3348**.

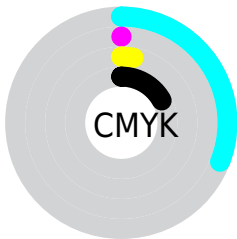
Distribution



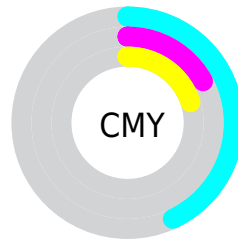
- Red (57%)
- Green (83%)
- Blue (80%)



- Red (57%)
- Yellow (71%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0592, 0.2728, 0.3380 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 57.0592, 0.2728, 0.3380 by changing the saturation by 10% instead.


 57.0592, 0.2728,
0.3380

 57.0592, 0.2728,
0.3380


413.6711, 0.2919,
0.3339

 41.0528, 0.2683,
0.3389

 100.5516, 0.2796,
0.3366

 28.3603, 0.2626,
0.3401


 128.8063, 0.2822,
0.3360

 18.5975, 0.2552,
0.3415


161.9126, 0.2844,
0.3355

 11.3798, 0.2453,
0.3434

200.2548, 0.2863,
0.3351

 6.3229, 0.2314,
0.3459

244.2174, 0.2880,
0.3347

 3.0424, 0.2105,
0.3493

294.1847, 0.2895,

 1.1539, 0.1666,

0.3344

350.5411, 0.2908,
0.3341

0.3576

0.0236, 0.0000,
0.0881

0.0000, 0.0000,
0.0000

57.0592, 0.2728,
0.3380

57.0592, 0.2728,
0.3380

55.1936, 0.2621,
0.3414

59.2879, 0.2848,
0.3348

53.6645, 0.2529,
0.3449

61.8909, 0.2979,
0.3319

52.4527, 0.2454,
0.3486

64.8875, 0.3116,
0.3292

51.5341, 0.2399,
0.3523

68.2936, 0.3258,
0.3268

■ 50.8812, 0.2363,
0.3560

■ 72.1241, 0.3402,
0.3246

■ 50.4613, 0.2346,
0.3598

■ 72.8905, 0.3411,
0.3223

■ 50.2269, 0.2342,
0.3632

■ 73.0104, 0.3395,
0.3200

■ 73.1319, 0.3378,
0.3178

■ 73.2550, 0.3361,
0.3155

Harmonies

Analogous

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



57.0592, 0.2967, 0.3637



57.0592, 0.2728, 0.3380



57.0592, 0.2596, 0.3109

Triad

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



57.0592, 0.2728, 0.3380



57.0592, 0.2978, 0.2842



57.0592, 0.3681, 0.3650

Complementary

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



57.0592, 0.2728, 0.3380



36.7246, 0.3743, 0.3204

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.



57.0592, 0.3689, 0.3429



57.0592, 0.2728, 0.3380



57.0592, 0.3272, 0.2976

Square

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



57.0592, 0.2728, 0.3380



57.0592, 0.2735, 0.2814



57.0592, 0.3536, 0.3186



57.0592, 0.3520, 0.3788

Rectangle

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



57.0592, 0.2728, 0.3380



57.0592, 0.2583, 0.2962



57.0592, 0.3536, 0.3186



57.0592, 0.3702, 0.3582

Sweetspot

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



57.0615, 0.2728, 0.3380



95.7456, 0.3001, 0.3314



55.4975, 0.3139, 0.4174



20.3565, 0.2982, 0.3318



0.0000, 0.0000, 0.0000



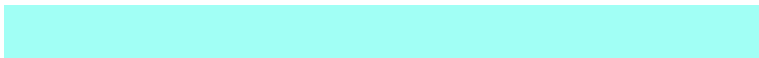
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0615, 0.2728, 0.3380



85.6419, 0.2655, 0.3402



45.9795, 0.2649, 0.2957



13.3842, 0.2997, 0.3315



30.3223, 0.2341, 0.3626



1.7019, 0.2322, 0.3558

Inverse Universe

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



36.7246, 0.3743, 0.3204



49.5616, 0.3937, 0.3185



45.0316, 0.3726, 0.3600



11.8287, 0.3274, 0.3265



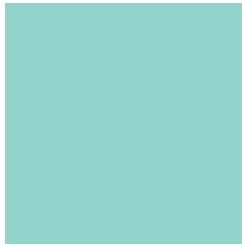
8.4020, 0.6262, 0.3223



0.4770, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 57.0592, 0.2728, 0.3380 looks on a white background.

Color Contrast Check

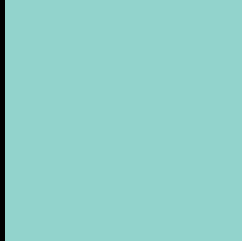
Large Text (above 18pt) WCAG AA × Fail

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 57.0592, 0.2728, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

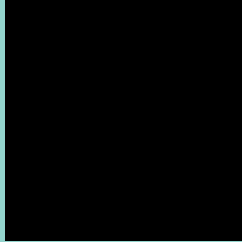
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

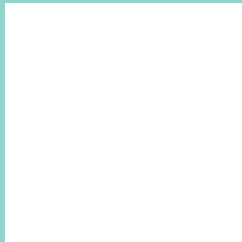
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0592, 0.2728, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 57.0592, 0.2728, 0.3380.

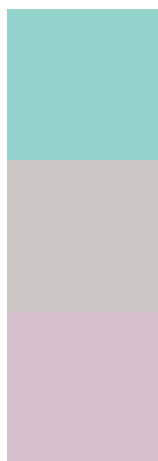


This preview shows how white text looks on a background with the Yxy color 57.0592, 0.2728, 0.3380.

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

57.0592, 0.2728, 0.3380

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

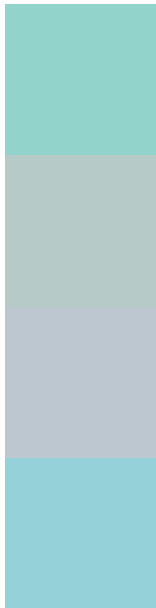
56.3995, 0.3176, 0.3106



Tritanopia

57.1273, 0.2633, 0.3076

Trichromacy



Original Color

57.0592, 0.2728, 0.3380

Protanomaly

56.3097, 0.2997, 0.3327

Deuteranomaly

56.1707, 0.2994, 0.3193

Tritanomaly

57.0002, 0.2668, 0.3187

Monochromacy



Original Color

57.0592, 0.2728, 0.3380

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.4876, 0.2965, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0592, 0.2728, 0.3380 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(146, 211, 204)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 204)  
}
```

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(146, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.0592, 0.2728, 0.3380 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(146, 211, 204) }
```

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

```
.border{ border-color:rgb(146, 211, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 211, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0592, 0.2728, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 204) }
```

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

```
.background{ background-color: rgb(146,  
211, 204) }
```

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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