

Converting Colors

$Y_{xy}(57.7171, 0.2654, 0.3213)$

Have a look what the booklet for
Yxy(57.7171, 0.2654, 0.3213)
contains.

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Color

Yxy(57.7093, 0.2654, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	92D3D9
RGB	146, 211, 217
RGB Percent	57%, 83%, 85%
CMY	0.4271, 0.1726, 0.1490
CMYK	0.33, 0.03, 0.00, 0.15
HSL	185°, 48%, 71%
HSV	185°, 33%, 85%
XYZ	47.6838, 57.7093, 74.2747
YIQ	192.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

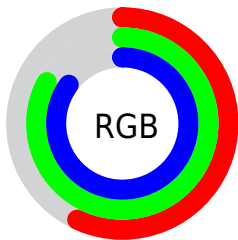
Format	Color
RYB	146, 180, 217
Decimal	9622489
CIELab	80.58, -18.98, -9.55
CIElCh	81, 21.249, 206.697
Yxy	57.7093, 0.2654, 0.3212
Android (android.graphics.Color)	4287812569 (0xFF92D3D9)
YUV	192.2490, 12.2022, -40.5604
Hunter-Lab	75.9666, -20.8982, -4.7928

Details

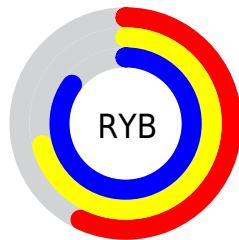
The Yxy color **57.7093, 0.2654, 0.3212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3199, 0.3857, 0.3366**, and the grayscale version is **52.8215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **28.6609, 0.2536, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **54.9970, 0.2532, 0.3185**, and if you desaturate by 10%, it is **60.8142, 0.2789, 0.3238**.

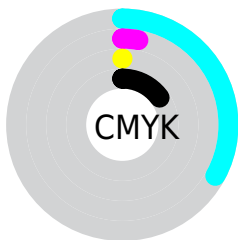
Distribution



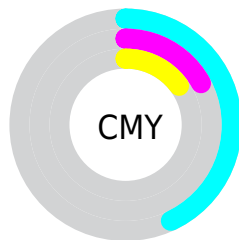
- Red (57%)
- Green (83%)
- Blue (85%)



- Red (57%)
- Yellow (71%)
- Blue (85%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)




- Cyan (43%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7093, 0.2654, 0.3212 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 57.7093, 0.2654, 0.3212 by changing the saturation by 10% instead.


 57.7093, 0.2654,
0.3212

 57.7093, 0.2654,
0.3212


416.1018, 0.2879,
0.3254

 41.5750, 0.2601,
0.3201

 101.4994, 0.2733,
0.3228

 28.7686, 0.2536,
0.3187

 129.9240, 0.2763,
0.3233

 18.9059, 0.2451,
0.3167


163.2141, 0.2790,
0.3238

 11.6023, 0.2339,
0.3139

201.7542, 0.2812,
0.3242

 6.4735, 0.2184,
0.3095

245.9286, 0.2832,
0.3246

 3.1351, 0.1955,
0.3022

296.1218, 0.2849,

 1.2026, 0.1560,

0.3249

0.2889

352.7181, 0.2865,
0.3251

0.0639, 0.0000,
0.0797

0.0000, 0.0000,
0.0000

57.7093, 0.2654,
0.3212

57.7093, 0.2654,
0.3212

54.9970, 0.2532,
0.3185

60.8142, 0.2789,
0.3238

52.6490, 0.2426,
0.3156

64.3245, 0.2934,
0.3262

50.6440, 0.2338,
0.3127

68.2610, 0.3086,
0.3284

48.9555, 0.2269,
0.3098

72.6409, 0.3242,
0.3305

■ 47.5532, 0.2219,
0.3069

■ 77.4805, 0.3399,
0.3323

■ 46.4005, 0.2187,
0.3040

■ 78.5318, 0.3399,
0.3341

■ 45.6702, 0.2172,
0.3019

■ 79.5154, 0.3397,
0.3360

■ 80.5098, 0.3394,
0.3378

■ 81.5149, 0.3391,
0.3397

Harmonies

Analogous

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



57.7093, 0.2823, 0.3475



57.7093, 0.2654, 0.3212



57.7093, 0.2606, 0.2986

Triad

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



57.7093, 0.2654, 0.3212



57.7093, 0.3158, 0.2931



57.7093, 0.3575, 0.3728

Complementary

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



57.7093, 0.2654, 0.3212



39.3199, 0.3857, 0.3366

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.



57.7093, 0.3676, 0.3560



57.7093, 0.2654, 0.3212



57.7093, 0.3430, 0.3109

Square

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



57.7093, 0.2654, 0.3212



57.7093, 0.2888, 0.2839



57.7093, 0.3623, 0.3335



57.7093, 0.3353, 0.3782

Rectangle

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



57.7093, 0.2654, 0.3212



57.7093, 0.2648, 0.2887



57.7093, 0.3623, 0.3335



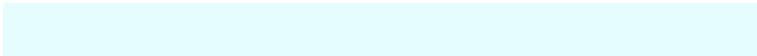
57.7093, 0.3625, 0.3682

Sweetspot

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



57.7116, 0.2654, 0.3212



94.1077, 0.2972, 0.3268



58.0143, 0.3046, 0.4173



19.9766, 0.2951, 0.3265



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.



57.7116, 0.2654, 0.3212



80.4970, 0.2571, 0.3194



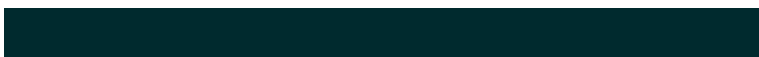
42.0363, 0.2595, 0.2738



14.6307, 0.2982, 0.3270



27.7216, 0.2173, 0.3024



1.8528, 0.2186, 0.3070

Inverse Universe

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



40.0388, 0.3219, 0.2544



51.5746, 0.3241, 0.2396



52.5646, 0.3721, 0.3785



13.2548, 0.3151, 0.3079



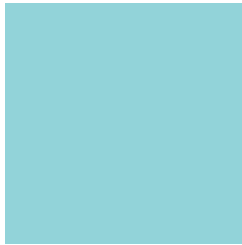
11.4223, 0.3434, 0.1665



0.7457, 0.3393, 0.1643

Previews

White Background



This preview shows how the Yxy color 57.7093, 0.2654, 0.3212 looks on a white background.

Color Contrast Check

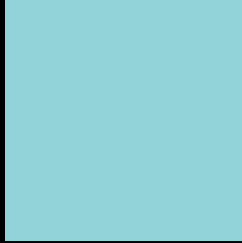
Large Text (above 18pt) WCAG AA × Fail

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 57.7093, 0.2654, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

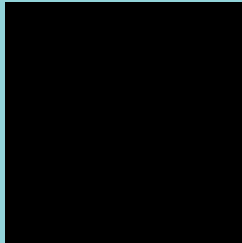
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7093, 0.2654, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 57.7093, 0.2654, 0.3212.

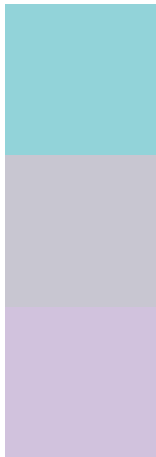


This preview shows how white text looks on a background with the Yxy color 57.7093, 0.2654, 0.3212.

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

57.7093, 0.2654, 0.3212

Protanopia

57.2710, 0.3063, 0.3160

Deuteranopia

57.3593, 0.3048, 0.2981



Tritanopia

57.8801, 0.2614, 0.3088

Trichromacy



Original Color

57.7093, 0.2654, 0.3212

Protanomaly

57.1686, 0.2895, 0.3179

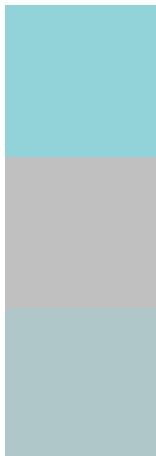
Deuteranomaly

56.9150, 0.2884, 0.3050

Tritanomaly

57.6239, 0.2625, 0.3125

Monochromacy



Original Color

57.7093, 0.2654, 0.3212

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.1779, 0.2931, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7093, 0.2654, 0.3212 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.7093, 0.2654, 0.3212 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, 217) }
```

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

```
.border{ border-color:rgb(146, 211, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7093, 0.2654, 0.3212 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, 217) }
```

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

```
.background{ background-color: rgb(146,  
211, 217) }
```

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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