

Converting Colors

$Yxy(58.9462, 0.2390, 0.3273)$

Have a look what the booklet for
Yxy(58.9462, 0.2390, 0.3273)
contains.

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Color

Yxy(59.1107, 0.2391, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	59DDDE
RGB	89, 221, 222
RGB Percent	35%, 87%, 87%
CMY	0.6511, 0.1333, 0.1295
CMYK	0.60, 0.00, 0.00, 0.13
HSL	180°, 67%, 61%
HSV	180°, 60%, 87%
XYZ	43.1553, 59.1107, 78.2247
YIQ	181.6460, -78.9930, -27.6730

Conversions

Conversions Part 2

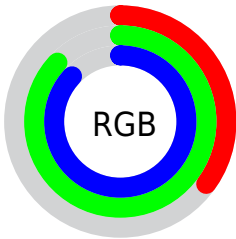
Format	Color
R_{YB}	89, 155, 222
Decimal	5889502
CIE _{Lab}	81.35, -35.32, -11.28
CIE _{LCh}	81, 37.080, 197.705
Yxy	59.1107, 0.2391, 0.3275
Android (android.graphics.Color)	4284079582 (0xFF59DDDE)
YUV	181.6460, 19.8945, -81.2505
Hunter-Lab	76.8835, -34.3526, -6.5058

Details

The Yxy color **59.1107, 0.2391, 0.3275** 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 **23.5470, 0.4994, 0.3306**, and the grayscale version is **46.4939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4154, 0.2570, 0.3288**, and **29.7003, 0.2237, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **58.0908, 0.2326, 0.3272**, and if you desaturate by 10%, it is **60.4661, 0.2475, 0.3278**.

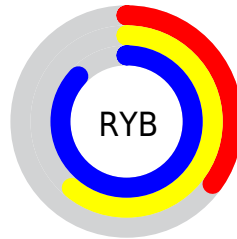
Distribution



Red (35%)

Green (87%)

Blue (87%)



Red (35%)

Yellow (61%)

Blue (87%)

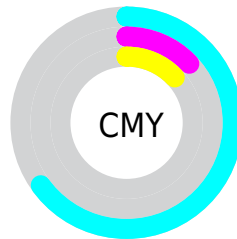


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (65%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1107, 0.2391, 0.3275 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 59.1107, 0.2391, 0.3275 by changing the saturation by 10% instead.


 59.1107, 0.2391,
0.3275

 59.1107, 0.2391,
0.3275


421.3120, 0.2736,
0.3292


 42.7022, 0.2312,
0.3269


 103.5385, 0.2511,
0.3283


 29.6516, 0.2214,
0.3259


 132.3267, 0.2558,
0.3285

 19.5743, 0.2090,
0.3245


 166.0102, 0.2598,
0.3287

 12.0860, 0.1928,
0.3222

 204.9735, 0.2633,
0.3289

 6.8022, 0.1710,
0.3182

249.6009, 0.2663,
0.3290

 3.3387, 0.1404,
0.3107

300.2769, 0.2690,

 1.3110, 0.0762,

0.3290

357.3858, 0.2714,
0.3291

0.3008

0.1497, 0.0000,
0.1360

0.0000, 0.0000,
0.0000

59.1107, 0.2391,
0.3275

59.1107, 0.2391,
0.3275

58.0908, 0.2326,
0.3272

60.4661, 0.2475,
0.3278

57.3689, 0.2281,
0.3270

62.1772, 0.2577,
0.3280


56.9106, 0.2254,
0.3268

64.2705, 0.2697,
0.3283


56.6520, 0.2240,
0.3265


66.7682, 0.2830,
0.3285


 56.6502, 0.2240,
0.3265

 69.6905, 0.2975,
0.3288

 73.0566, 0.3128,
0.3290

 76.8843, 0.3287,
0.3292

 78.9349, 0.3364,
0.3294

 79.0208, 0.3364,
0.3296

Harmonies

Analogous

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



59.1107, 0.2718, 0.3749



59.1107, 0.2391, 0.3275



59.1107, 0.2256, 0.2853

Triad

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



59.1107, 0.2391, 0.3275



59.1107, 0.3025, 0.2632



59.1107, 0.3973, 0.3952

Complementary

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



59.1107, 0.2391, 0.3275



23.5470, 0.4994, 0.3306

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.



59.1107, 0.4084, 0.3613



59.1107, 0.2391, 0.3275



59.1107, 0.3513, 0.2883

Square

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



59.1107, 0.2391, 0.3275



59.1107, 0.2599, 0.2525



59.1107, 0.3914, 0.3231



59.1107, 0.3632, 0.4146

Rectangle

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



59.1107, 0.2391, 0.3275



59.1107, 0.2282, 0.2659



59.1107, 0.3914, 0.3231



59.1107, 0.4039, 0.3850

Sweetspot

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



59.1129, 0.2391, 0.3275



92.0973, 0.2855, 0.3286



55.0728, 0.3037, 0.5221



19.4788, 0.2814, 0.3285



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.



59.1129, 0.2391, 0.3275



79.2466, 0.2313, 0.3272



30.9941, 0.2177, 0.2319



15.5544, 0.2982, 0.3288



33.6649, 0.2241, 0.3266



2.3391, 0.2241, 0.3269

Inverse Universe

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



27.8856, 0.3202, 0.1911



32.9519, 0.3214, 0.1726



39.8460, 0.4443, 0.4050



13.9339, 0.3139, 0.3061



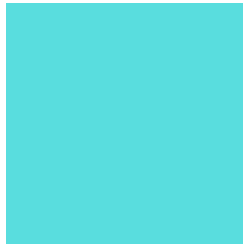
12.3065, 0.3227, 0.1552



0.8536, 0.3224, 0.1550

Previews

White Background



This preview shows how the Yxy color 59.1107, 0.2391, 0.3275 looks on a white background.

Color Contrast Check

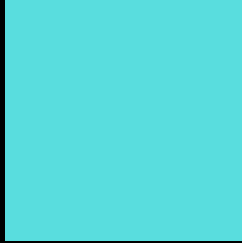
Large Text (above 18pt) WCAG AA × Fail

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 59.1107, 0.2391, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

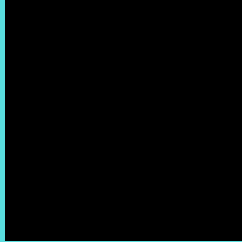
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1107, 0.2391, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 59.1107, 0.2391, 0.3275.

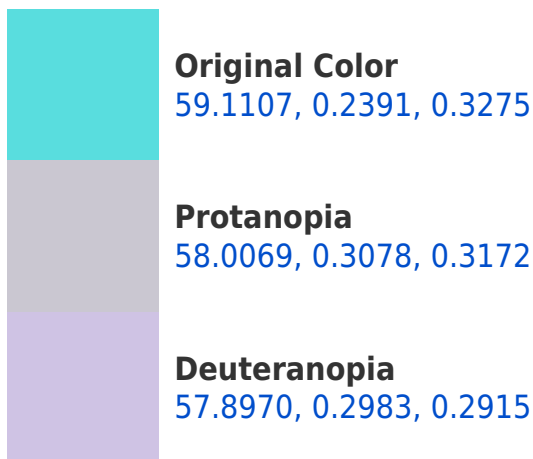


This preview shows how white text looks on a background with the Yxy color 59.1107, 0.2391, 0.3275.

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

59.1521, 0.2345, 0.3069

Trichromacy



Original Color

59.1107, 0.2391, 0.3275



Protanomaly

57.0578, 0.2757, 0.3201



Deuteranomaly

56.5692, 0.2702, 0.3019



Tritanomaly

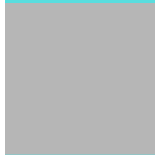
59.2831, 0.2362, 0.3145

Monochromacy



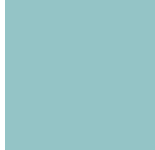
Original Color

59.1107, 0.2391, 0.3275



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.8070, 0.2764, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1107, 0.2391, 0.3275 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(89, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(89, 221, 222)  
}
```

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(89, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 221, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.1107, 0.2391, 0.3275 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(89, 221, 222) }
```

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

```
.border{ border-color:rgb(89, 221, 222) }
```

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

Here you see how a box with a 4 pixel rgb(89, 221, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(89, 221,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1107, 0.2391, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 221, 222) }
```

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

```
.background{ background-color: rgb(89, 221,  
222) }
```

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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