

Converting Colors

$Yxy(59.0339, 0.2409, 0.3184)$

Have a look what the booklet for
Yxy(59.0339, 0.2409, 0.3184)
contains.

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Color

Yxy(59.0339, 0.2409, 0.3184)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66DBE3 |
| RGB | 102, 219, 227 |
| RGB Percent | 40%, 86%, 89% |
| CMY | 0.6005, 0.1411, 0.1098 |
| CMYK | 0.55, 0.04, 0.00, 0.11 |
| HSL | 184°, 69%, 64% |
| HSV | 184°, 55%, 89% |
| XYZ | 44.6648, 59.0339, 81.7093 |
| YIQ | 184.9290, -72.3000, -22.3160 |

Conversions

Conversions Part 2

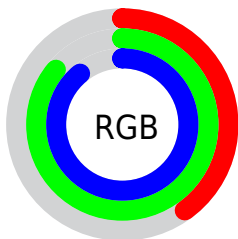
| Format | Color |
|--|---|
| RYB | 102, 162, 227 |
| Decimal | 6740963 |
| CIELab | 81.31, -30.71, -13.97 |
| CIElCh | 81, 33.741, 204.460 |
| Yxy | 59.0339, 0.2409, 0.3184 |
| Android (android.graphics.Color) | 4284931043 (0xFF66DBE3) |
| YUV | 184.9290, 20.7410, -72.7287 |
| Hunter-Lab | 76.8335, -30.6932, -9.2690 |

Details

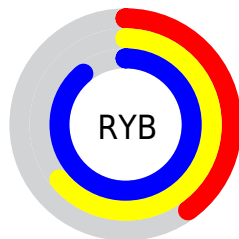
The Yxy color **59.0339, 0.2409, 0.3184** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.4078, 0.4719, 0.3383**, and the grayscale version is **48.3712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5265, 0.2619, 0.3289**, and **29.7491, 0.2237, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **57.1364, 0.2328, 0.3162**, and if you desaturate by 10%, it is **61.3053, 0.2508, 0.3205**.

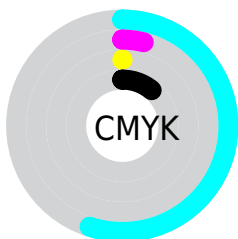
Distribution



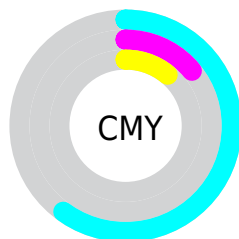
- Red (40%)
- Green (86%)
- Blue (89%)



- Red (40%)
- Yellow (64%)
- Blue (89%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (60%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0339, 0.2409, 0.3184 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 59.0339, 0.2409, 0.3184 by changing the saturation by 10% instead.


 59.0339, 0.2409,
0.3184


 59.0339, 0.2409,
0.3184


421.0275, 0.2745,
0.3244

 42.6404, 0.2332,
0.3167


 103.4269, 0.2526,
0.3207

 29.6031, 0.2237,
0.3145


 132.1953, 0.2571,
0.3216

 19.5375, 0.2116,
0.3115


 165.8573, 0.2610,
0.3222

 12.0593, 0.1959,
0.3070

204.7975, 0.2644,
0.3228

 6.7841, 0.1748,
0.3001

249.4003, 0.2674,
0.3233

 3.3274, 0.1452,
0.2885

300.0499, 0.2700,

 1.3050, 0.0909,

0.3237

0.2694

357.1309, 0.2724,
0.3241

■ 0.1451, 0.0000,
0.1124

■ 0.0000, 0.0000,
0.0000

■ 59.0339, 0.2409,
0.3184

■ 59.0339, 0.2409,
0.3184

■ 57.1364, 0.2328,
0.3162

■ 61.3053, 0.2508,
0.3205

■ 55.5757, 0.2267,
0.3140

■ 63.9709, 0.2625,
0.3226


■ 54.3185, 0.2224,
0.3119

■ 67.0573, 0.2755,
0.3246


■ 53.3215, 0.2199,
0.3097


■ 70.5872, 0.2897,
0.3264

 52.8947, 0.2191,
0.3087

 74.5813, 0.3048,
0.3282

 79.0590, 0.3204,
0.3298

 82.9270, 0.3321,
0.3312

 83.7320, 0.3320,
0.3326

 84.5436, 0.3318,
0.3341

Harmonies

Analogous

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



59.0339, 0.2675, 0.3615



59.0339, 0.2409, 0.3184



59.0339, 0.2326, 0.2826

Triad

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



59.0339, 0.2409, 0.3184



59.0339, 0.3135, 0.2727



59.0339, 0.3845, 0.3953

Complementary

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



59.0339, 0.2409, 0.3184



28.4078, 0.4719, 0.3383

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.



59.0339, 0.3997, 0.3667



59.0339, 0.2409, 0.3184



59.0339, 0.3574, 0.2984

Square

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



59.0339, 0.2409, 0.3184



59.0339, 0.2723, 0.2596



59.0339, 0.3899, 0.3318



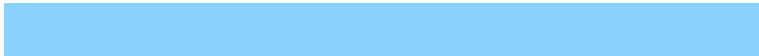
59.0339, 0.3501, 0.4078

Rectangle

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



59.0339, 0.2409, 0.3184



59.0339, 0.2379, 0.2672



59.0339, 0.3899, 0.3318



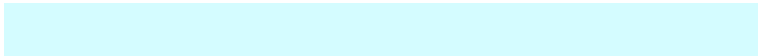
59.0339, 0.3921, 0.3870

Sweetspot

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



59.0361, 0.2409, 0.3184



90.9343, 0.2868, 0.3261



58.8390, 0.3016, 0.4978



19.2597, 0.2839, 0.3257



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.



59.0361, 0.2409, 0.3184



74.0956, 0.2319, 0.3159



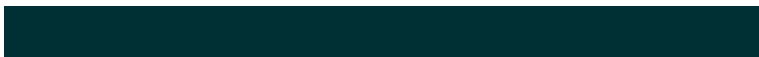
32.8791, 0.2227, 0.2318



16.1707, 0.2982, 0.3274



30.9157, 0.2192, 0.3090



2.3324, 0.2200, 0.3121

Inverse Universe

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



30.9245, 0.3269, 0.2054



34.5760, 0.3300, 0.1871



46.2970, 0.4269, 0.4069



14.5985, 0.3148, 0.3073



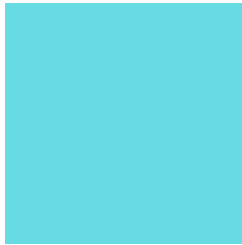
12.3187, 0.3375, 0.1633



0.9151, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 59.0339, 0.2409, 0.3184 looks on a white background.

Color Contrast Check

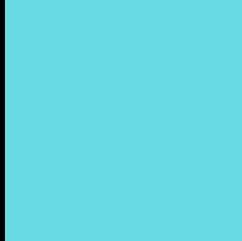
Large Text (above 18pt) WCAG AA × Fail

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 59.0339, 0.2409, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

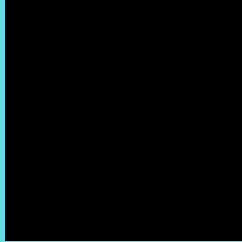
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0339, 0.2409, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 59.0339, 0.2409, 0.3184.

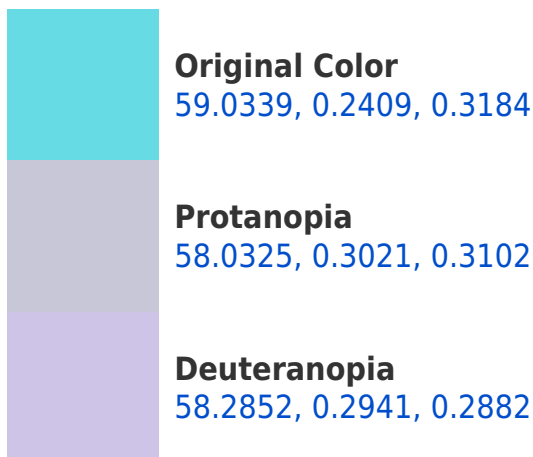


This preview shows how white text looks on a background with the Yxy color 59.0339, 0.2409, 0.3184.

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

59.1442, 0.2382, 0.3070

Trichromacy



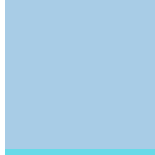
Original Color

59.0339, 0.2409, 0.3184



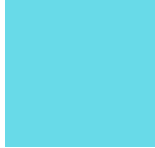
Protanomaly

57.1496, 0.2746, 0.3128



Deuteranomaly

57.2237, 0.2704, 0.2974



Tritanomaly

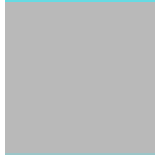
58.9121, 0.2392, 0.3107

Monochromacy



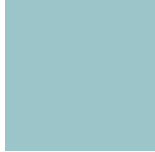
Original Color

59.0339, 0.2409, 0.3184



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.0712, 0.2794, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0339, 0.2409, 0.3184 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(102, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(102, 219, 227)  
}
```

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(102, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 219, 227) }
```

Border

The CSS property to change the border of an element to Yxy 59.0339, 0.2409, 0.3184 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(102, 219, 227) }
```

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

```
.border{ border-color:rgb(102, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 219, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 219, 227); box-shadow:4px 4px 4px 4px rgb(102, 219, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0339, 0.2409, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 219, 227) }
```

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

```
.background{ background-color: rgb(102,  
219, 227) }
```

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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