

Converting Colors

$Yxy(59.3276, 0.2473, 0.3446)$

Have a look what the booklet for
Yxy(59.3276, 0.2473, 0.3446)
contains.

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Color

Yxy(59.3825, 0.2473, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	60DED2
RGB	96, 222, 210
RGB Percent	38%, 87%, 82%
CMY	0.6237, 0.1294, 0.1763
CMYK	0.57, 0.00, 0.05, 0.13
HSL	174°, 66%, 62%
HSV	174°, 57%, 87%
XYZ	42.5784, 59.3825, 70.2122
YIQ	182.9580, -71.2440, -30.4440

Conversions

Conversions Part 2

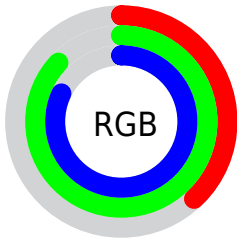
Format	Color
RYB	96, 162, 222
Decimal	6348498
CIELab	81.50, -37.69, -4.68
CIElCh	82, 37.976, 187.082
Yxy	59.3825, 0.2473, 0.3449
Android (android.graphics.Color)	4284538578 (0xFF60DED2)
YUV	182.9580, 13.3317, -76.2622
Hunter-Lab	77.0600, -36.2275, -0.0792

Details

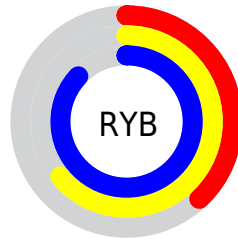
The Yxy color **59.3825, 0.2473, 0.3449** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **24.9716, 0.4683, 0.3160**, and the grayscale version is **47.2822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **29.7509, 0.2309, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **58.2419, 0.2409, 0.3481**, and if you desaturate by 10%, it is **60.8689, 0.2555, 0.3417**.

Distribution



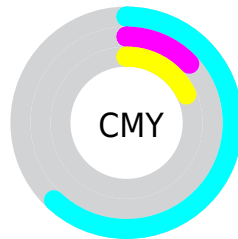
- Red (38%)
- Green (87%)
- Blue (82%)



- Red (38%)
- Yellow (64%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (62%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3825, 0.2473, 0.3449 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 59.3825, 0.2473, 0.3449 by changing the saturation by 10% instead.


 59.3825, 0.2473,
0.3449


 59.3825, 0.2473,
0.3449

422.3179, 0.2782,
0.3378


 42.9211, 0.2401,
0.3464


 103.9334, 0.2581,
0.3425


 29.8232, 0.2312,
0.3483


 132.7917, 0.2623,
0.3415

 19.7044, 0.2198,
0.3506


 166.5510, 0.2659,
0.3407

 12.1804, 0.2048,
0.3534

 205.5959, 0.2690,
0.3400

 6.8667, 0.1842,
0.3568

250.3106, 0.2717,
0.3393

 3.3788, 0.1547,
0.3608

301.0796, 0.2741,

 1.3326, 0.0818,

0.3388

358.2872, 0.2763,
0.3382

0.3756

0.1662, 0.0000,
0.2464

0.0000, 0.0000,
0.0000

59.3825, 0.2473,
0.3449

59.3825, 0.2473,
0.3449

58.2419, 0.2409,
0.3481

60.8689, 0.2555,
0.3417

57.4109, 0.2365,
0.3514


62.7203, 0.2655,
0.3387


56.8571, 0.2340,
0.3547

64.9625, 0.2769,
0.3358

56.5365, 0.2331,
0.3579

67.6171, 0.2896,
0.3331


 56.4581, 0.2330,
0.3589

 70.7039, 0.3032,
0.3306

 74.2417, 0.3173,
0.3283

 78.2481, 0.3319,
0.3262

 79.0455, 0.3331,
0.3242

 79.1626, 0.3316,
0.3221

Harmonies

Analogous

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



59.3825, 0.2863, 0.3909



59.3825, 0.2473, 0.3449



59.3825, 0.2262, 0.2979

Triad

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



59.3825, 0.2473, 0.3449



59.3825, 0.2854, 0.2561



59.3825, 0.4063, 0.3853

Complementary

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



59.3825, 0.2473, 0.3449



24.9716, 0.4683, 0.3160

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.



59.3825, 0.4077, 0.3481



59.3825, 0.2473, 0.3449



59.3825, 0.3346, 0.2770

Square

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



59.3825, 0.2473, 0.3449



59.3825, 0.2469, 0.2512



59.3825, 0.3807, 0.3096



59.3825, 0.3786, 0.4119

Rectangle

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



59.3825, 0.2473, 0.3449



59.3825, 0.2239, 0.2739



59.3825, 0.3807, 0.3096



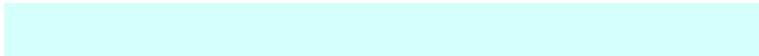
59.3825, 0.4100, 0.3736

Sweetspot

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



59.3848, 0.2473, 0.3449



92.4227, 0.2891, 0.3332



56.3129, 0.3109, 0.5077



19.6157, 0.2865, 0.3337



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.



59.3848, 0.2473, 0.3449



79.5003, 0.2400, 0.3487



37.1084, 0.2264, 0.2571



15.5487, 0.2995, 0.3312



33.5426, 0.2329, 0.3585



2.3316, 0.2315, 0.3535

Inverse Universe

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



24.9716, 0.4683, 0.3160



28.1176, 0.5211, 0.3156



37.0502, 0.4454, 0.3876



13.7216, 0.3277, 0.3268



9.2638, 0.6288, 0.3237



0.6495, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 59.3825, 0.2473, 0.3449 looks on a white background.

Color Contrast Check

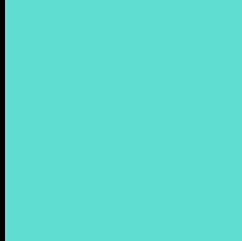
Large Text (above 18pt) WCAG AA × Fail

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 59.3825, 0.2473, 0.3449 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

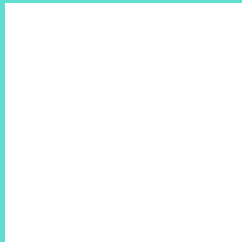
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3825, 0.2473, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 59.3825, 0.2473, 0.3449.

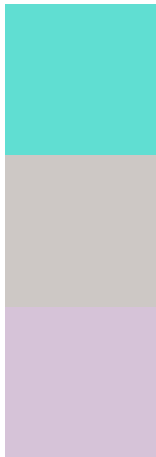


This preview shows how white text looks on a background with the Yxy color 59.3825, 0.2473, 0.3449.

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

59.3825, 0.2473, 0.3449

Protanopia

58.3189, 0.3188, 0.3326

Deuteranopia

58.2842, 0.3123, 0.3052



Tritanopia

59.2631, 0.2382, 0.3058

Trichromacy



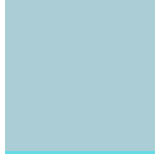
Original Color

59.3825, 0.2473, 0.3449



Protanomaly

57.3754, 0.2858, 0.3365



Deuteranomaly

57.1756, 0.2821, 0.3178



Tritanomaly

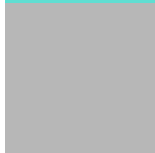
59.0339, 0.2409, 0.3184

Monochromacy



Original Color

59.3825, 0.2473, 0.3449



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

50.3621, 0.2811, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3825, 0.2473, 0.3449 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(96, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(96, 222, 210)  
}
```

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(96, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 222, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.3825, 0.2473, 0.3449 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(96, 222, 210) }
```

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

```
.border{ border-color:rgb(96, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(96, 222,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3825, 0.2473, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 222, 210) }
```

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

```
.background{ background-color: rgb(96, 222,  
210) }
```

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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