

Converting Colors

Yxy(59.9669, 0.2451, 0.3463)

Have a look what the booklet for
Yxy(59.9669, 0.2451, 0.3463)
contains.

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Color

Yxy(60.1383, 0.2449, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	59E0D3
RGB	89, 224, 211
RGB Percent	35%, 88%, 83%
CMY	0.6512, 0.1215, 0.1726
CMYK	0.60, 0.00, 0.06, 0.12
HSL	174°, 69%, 61%
HSV	174°, 60%, 88%
XYZ	42.5292, 60.1383, 70.9920
YIQ	182.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

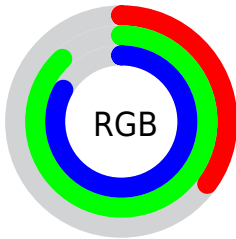
Format	Color
RYB	89, 160, 224
Decimal	5890259
CIELab	81.91, -39.61, -4.61
CIELCh	82, 39.876, 186.638
Yxy	60.1383, 0.2449, 0.3463
Android (android.graphics.Color)	4284080339 (0xFF59E0D3)
YUV	182.1530, 14.2216, -81.6952
Hunter-Lab	77.5489, -37.8179, 0.0073

Details

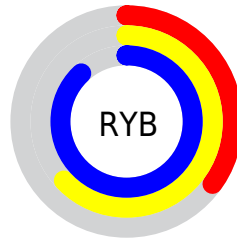
The Yxy color **60.1383, 0.2449, 0.3463** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.9443, 0.4836, 0.3155**, and the grayscale version is **46.8133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4154, 0.2570, 0.3288**, and **30.4396, 0.2303, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **59.0891, 0.2392, 0.3496**, and if you desaturate by 10%, it is **61.5306, 0.2525, 0.3431**.

Distribution



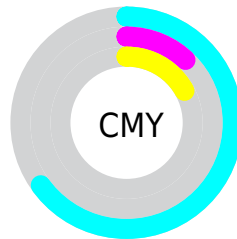
- Red (35%)
- Green (88%)
- Blue (83%)



- Red (35%)
- Yellow (63%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)





- Cyan (65%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1383, 0.2449, 0.3463 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 60.1383, 0.2449, 0.3463 by changing the saturation by 10% instead.


 60.1383, 0.2449,
0.3463


 60.1383, 0.2449,
0.3463


425.1074, 0.2769,
0.3386

 43.5301, 0.2375,
0.3480


 105.0303, 0.2561,
0.3437


 30.3013, 0.2283,
0.3500


 134.0828, 0.2604,
0.3426

 20.0674, 0.2166,
0.3525


 168.0523, 0.2641,
0.3417

 12.4440, 0.2012,
0.3555

 207.3231, 0.2673,
0.3409

 7.0468, 0.1803,
0.3593

252.2796, 0.2702,
0.3402

 3.4914, 0.1503,
0.3638

303.3062, 0.2726,

 1.3933, 0.0780,

0.3396

0.3790

360.7874, 0.2749,
0.3391

0.2118, 0.0000,
0.2770

0.0000, 0.0000,
0.0000

60.1383, 0.2449,
0.3463

60.1383, 0.2449,
0.3463

59.0891, 0.2392,
0.3496

61.5306, 0.2525,
0.3431

58.3443, 0.2355,
0.3529

63.2867, 0.2619,
0.3399


57.8686, 0.2336,
0.3562


65.4339, 0.2728,
0.3369


57.6006, 0.2332,
0.3594


67.9947, 0.2850,
0.3341

 70.9902, 0.2983,
0.3315

 74.4399, 0.3123,
0.3291

 78.3621, 0.3267,
0.3269

 80.1920, 0.3319,
0.3248

 80.3128, 0.3304,
0.3227

Harmonies

Analogous

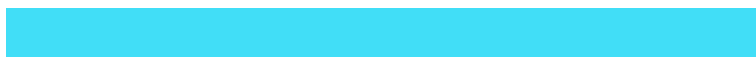
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1383, 0.2856, 0.3945



60.1383, 0.2449, 0.3463



60.1383, 0.2228, 0.2970

Triad

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



60.1383, 0.2449, 0.3463



60.1383, 0.2834, 0.2530



60.1383, 0.4107, 0.3869

Complementary

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



60.1383, 0.2449, 0.3463



23.9443, 0.4836, 0.3155

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.



60.1383, 0.4118, 0.3480



60.1383, 0.2449, 0.3463



60.1383, 0.3347, 0.2744

Square

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



60.1383, 0.2449, 0.3463



60.1383, 0.2436, 0.2481



60.1383, 0.3832, 0.3081



60.1383, 0.3819, 0.4153

Rectangle

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



60.1383, 0.2449, 0.3463



60.1383, 0.2202, 0.2718



60.1383, 0.3832, 0.3081



60.1383, 0.4145, 0.3746

Sweetspot

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



60.1406, 0.2449, 0.3463



92.0284, 0.2878, 0.3335



56.8882, 0.3104, 0.5195



19.4618, 0.2841, 0.3343



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.



60.1406, 0.2449, 0.3463



79.0075, 0.2382, 0.3504



36.2482, 0.2218, 0.2517



15.5484, 0.2995, 0.3312



33.5343, 0.2330, 0.3589



2.3311, 0.2316, 0.3538

Inverse Universe

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



23.9443, 0.4836, 0.3155



26.5403, 0.5391, 0.3157



36.2067, 0.4567, 0.3903



13.7219, 0.3277, 0.3268



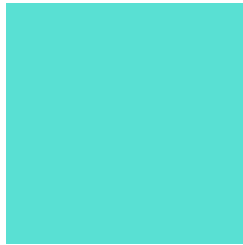
9.2646, 0.6286, 0.3236



0.6496, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 60.1383, 0.2449, 0.3463 looks on a white background.

Color Contrast Check

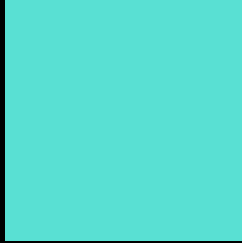
Large Text (above 18pt) WCAG AA × Fail

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 60.1383, 0.2449, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

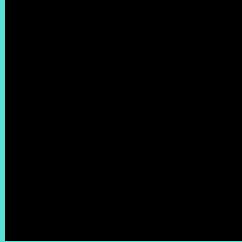
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

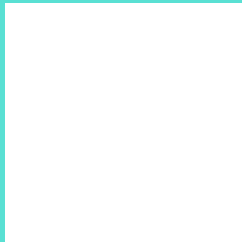
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1383, 0.2449, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 60.1383, 0.2449, 0.3463.

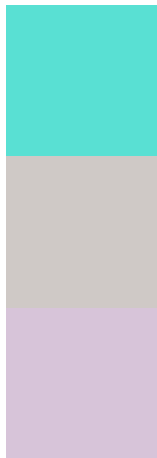


This preview shows how white text looks on a background with the Yxy color 60.1383, 0.2449, 0.3463.

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

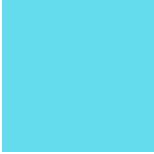
60.1383, 0.2449, 0.3463

Protanopia

59.1159, 0.3196, 0.3325

Deuteranopia

58.9367, 0.3123, 0.3053



Tritanopia

60.0688, 0.2357, 0.3059

Trichromacy



Original Color

60.1383, 0.2449, 0.3463



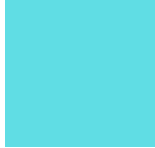
Protanomaly

57.8052, 0.2846, 0.3365



Deuteranomaly

57.4839, 0.2803, 0.3178



Tritanomaly

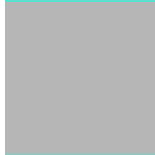
59.8011, 0.2389, 0.3197

Monochromacy



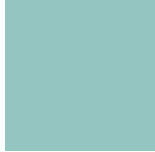
Original Color

60.1383, 0.2449, 0.3463



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

50.0787, 0.2791, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1383, 0.2449, 0.3463 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, 224, 211)` looks like.

```
.text, #text, p{  
    color:rgb(89, 224, 211)  
}
```

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, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 224, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.1383, 0.2449, 0.3463 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, 224, 211) }
```

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

```
.border{ border-color:rgb(89, 224, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 224, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(89, 224,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1383, 0.2449, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 224, 211) }
```

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

```
.background{ background-color: rgb(89, 224,  
211) }
```

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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