

Converting Colors

$Yxy(60.9294, 0.2409, 0.3434)$

Have a look what the booklet for
Yxy(60.9294, 0.2409, 0.3434)
contains.

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Color

Yxy(61.0045, 0.2408, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	50E2D7
RGB	80, 226, 215
RGB Percent	31%, 89%, 84%
CMY	0.6867, 0.1137, 0.1568
CMYK	0.65, 0.00, 0.05, 0.11
HSL	175°, 72%, 60%
HSV	175°, 65%, 89%
XYZ	42.7653, 61.0045, 73.8270
YIQ	181.0920, -83.4850, -34.3730

Conversions

Conversions Part 2

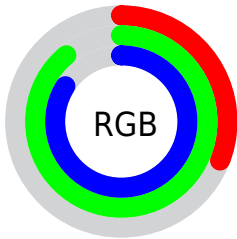
Format	Color
RYB	80, 156, 226
Decimal	5300951
CIELab	82.38, -40.92, -6.08
CIELCh	82, 41.369, 188.453
Yxy	61.0045, 0.2408, 0.3435
Android (android.graphics.Color)	4283491031 (0xFF50E2D7)
YUV	181.0920, 16.7166, -88.6577
Hunter-Lab	78.1054, -38.9497, -1.3685

Details

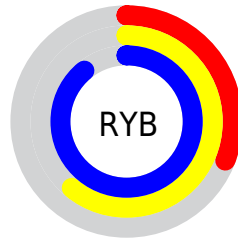
The Yxy color **61.0045, 0.2408, 0.3435** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.6446, 0.5079, 0.3185**, and the grayscale version is **46.1881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7597, 0.2541, 0.3288**, and **31.2875, 0.2297, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **60.0976, 0.2358, 0.3461**, and if you desaturate by 10%, it is **62.2475, 0.2477, 0.3410**.

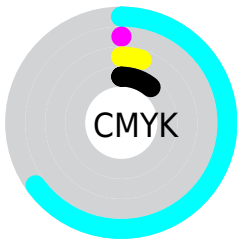
Distribution



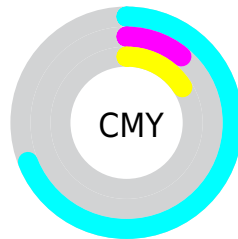
- Red (31%)
- Green (89%)
- Blue (84%)



- Red (31%)
- Yellow (61%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)




- Cyan (69%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0045, 0.2408, 0.3435 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 61.0045, 0.2408, 0.3435 by changing the saturation by 10% instead.


 61.0045, 0.2408,
0.3435


 61.0045, 0.2408,
0.3435


428.2905, 0.2745,
0.3373

 44.2288, 0.2330,
0.3448

 106.2855, 0.2526,
0.3414

 30.8504, 0.2234,
0.3463


 135.5595, 0.2571,
0.3406

 20.4850, 0.2113,
0.3480

 169.7684, 0.2610,
0.3399

 12.7481, 0.1954,
0.3501

 209.2967, 0.2644,
0.3392

 7.2553, 0.1739,
0.3523

254.5286, 0.2674,
0.3387

 3.6223, 0.1436,
0.3543

305.8486, 0.2700,

 1.4646, 0.0753,

0.3381

363.6411, 0.2724,
0.3377

0.3630

0.2636, 0.0000,
0.2701

0.0000, 0.0000,
0.0000

61.0045, 0.2408,
0.3435

61.0045, 0.2408,
0.3435

60.0976, 0.2358,
0.3461

62.2475, 0.2477,
0.3410

59.4852, 0.2328,
0.3486


63.8496, 0.2565,
0.3385


59.1270, 0.2315,
0.3511


65.8396, 0.2670,
0.3361

59.0031, 0.2313,
0.3525

68.2417, 0.2789,
0.3339

 71.0779, 0.2920,
0.3318

 74.3689, 0.3060,
0.3298

 78.1339, 0.3206,
0.3281

 81.2945, 0.3314,
0.3265

 81.3897, 0.3303,
0.3248

Harmonies

Analogous

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



61.0045, 0.2817, 0.3943



61.0045, 0.2408, 0.3435



61.0045, 0.2195, 0.2931

Triad

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



61.0045, 0.2408, 0.3435



61.0045, 0.2854, 0.2517



61.0045, 0.4127, 0.3907

Complementary

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



61.0045, 0.2408, 0.3435



22.6446, 0.5079, 0.3185

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.



61.0045, 0.4159, 0.3509



61.0045, 0.2408, 0.3435



61.0045, 0.3387, 0.2746

Square

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



61.0045, 0.2408, 0.3435



61.0045, 0.2435, 0.2454



61.0045, 0.3881, 0.3097



61.0045, 0.3815, 0.4191

Rectangle

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



61.0045, 0.2408, 0.3435



61.0045, 0.2177, 0.2680



61.0045, 0.3881, 0.3097



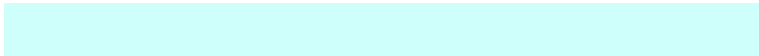
61.0045, 0.4173, 0.3781

Sweetspot

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



61.0068, 0.2408, 0.3435



91.7083, 0.2860, 0.3327



57.2548, 0.3084, 0.5341



19.4029, 0.2822, 0.3333



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.



61.0068, 0.2408, 0.3435



78.6577, 0.2344, 0.3471



34.1480, 0.2154, 0.2412



15.5536, 0.2992, 0.3307



33.6654, 0.2311, 0.3521



2.3389, 0.2301, 0.3482

Inverse Universe

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



22.6446, 0.5079, 0.3185



24.5537, 0.5706, 0.3199



35.7307, 0.4686, 0.3958



13.7172, 0.3280, 0.3273



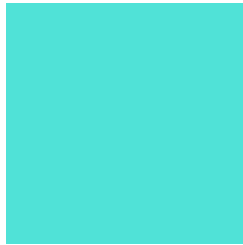
9.2539, 0.6316, 0.3253



0.6474, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 61.0045, 0.2408, 0.3435 looks on a white background.

Color Contrast Check

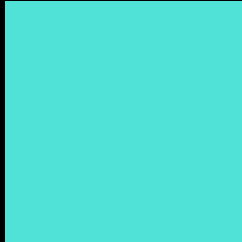
Large Text (above 18pt) WCAG AA × Fail

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 61.0045, 0.2408, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

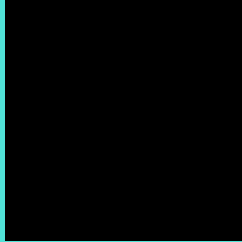
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

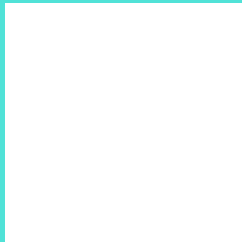
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0045, 0.2408, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 61.0045, 0.2408, 0.3435.

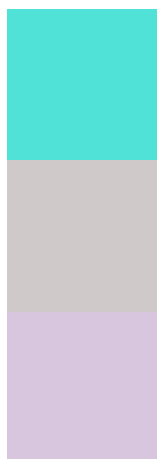


This preview shows how white text looks on a background with the Yxy color 61.0045, 0.2408, 0.3435.

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

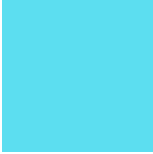
61.0045, 0.2408, 0.3435

Protanopia

59.7235, 0.3173, 0.3302

Deuteranopia

60.0557, 0.3093, 0.3032



Tritanopia

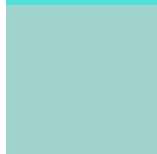
60.8091, 0.2327, 0.3059

Trichromacy



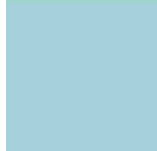
Original Color

61.0045, 0.2408, 0.3435



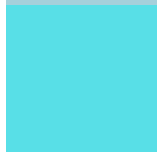
Protanomaly

58.6218, 0.2810, 0.3352



Deuteranomaly

58.3332, 0.2761, 0.3153



Tritanomaly

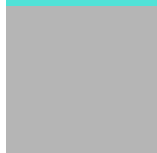
60.6196, 0.2355, 0.3184

Monochromacy



Original Color

61.0045, 0.2408, 0.3435



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

49.7121, 0.2764, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0045, 0.2408, 0.3435 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(80, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(80, 226, 215)  
}
```

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(80, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 226, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.0045, 0.2408, 0.3435 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(80, 226, 215) }
```

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

```
.border{ border-color:rgb(80, 226, 215) }
```

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

Here you see how a box with a 4 pixel rgb(80, 226, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(80, 226,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0045, 0.2408, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 226, 215) }
```

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

```
.background{ background-color: rgb(80, 226,  
215) }
```

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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