

Converting Colors

$Yxy(60.3034, 0.2356, 0.3529)$

Have a look what the booklet for
Yxy(60.3034, 0.2356, 0.3529)
contains.

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Color

Yxy(60.1722, 0.2354, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	2EE3D2
RGB	46, 227, 210
RGB Percent	18%, 89%, 82%
CMY	0.8207, 0.1097, 0.1765
CMYK	0.80, 0.00, 0.08, 0.11
HSL	174°, 76%, 53%
HSV	174°, 80%, 89%
XYZ	40.2173, 60.1722, 70.4572
YIQ	170.9430, -102.4190, -43.6590

Conversions

Conversions Part 2

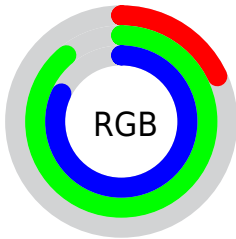
Format	Color
R _Y B	46, 141, 227
Decimal	3072978
CIE Lab	81.93, -46.75, -4.14
CIE LCh	82, 46.931, 185.062
Yxy	60.1722, 0.2354, 0.3522
Android (android.graphics.Color)	4281263058 (0xFF2EE3D2)
YUV	170.9430, 19.2551, -109.5750
Hunter-Lab	77.5707, -43.2037, 0.4467

Details

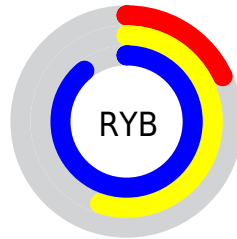
The Yxy color **60.1722, 0.2354, 0.3522** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **18.6220, 0.5718, 0.3175**, and the grayscale version is **40.5945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0251, 0.2460, 0.3288**, and **31.5261, 0.2322, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **59.6769, 0.2334, 0.3554**, and if you desaturate by 10%, it is **60.9513, 0.2392, 0.3490**.

Distribution



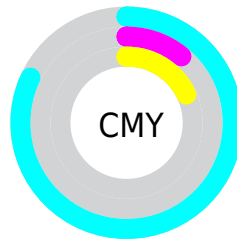
- Red (18%)
- Green (89%)
- Blue (82%)



- Red (18%)
- Yellow (55%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (82%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1722, 0.2354, 0.3522 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 60.1722, 0.2354, 0.3522 by changing the saturation by 10% instead.


 60.1722, 0.2354,
0.3522


 60.1722, 0.2354,
0.3522


425.2322, 0.2717,
0.3417


 43.5574, 0.2270,
0.3545


 105.0794, 0.2481,
0.3486

 30.3227, 0.2166,
0.3573


 134.1407, 0.2530,
0.3472

 20.0837, 0.2034,
0.3607


 168.1196, 0.2572,
0.3460

 12.4559, 0.1862,
0.3649

 207.4005, 0.2609,
0.3449

 7.0550, 0.1630,
0.3702

 252.3678, 0.2641,
0.3440

 3.4965, 0.1303,
0.3766

303.4059, 0.2670,

 1.3961, 0.0331,

0.3432

0.4038

360.8993, 0.2695,
0.3424

■ 0.2139, 0.0000,
0.2905

■ 0.0000, 0.0000,
0.0000

■ 60.1722, 0.2354,
0.3522

■ 60.1722, 0.2354,
0.3522

■ 59.6769, 0.2334,
0.3554

■ 60.9513, 0.2392,
0.3490

■ 59.3924, 0.2330,
0.3586

■ 62.0460, 0.2450,
0.3457

■ 59.3889, 0.2330,
0.3586

■ 63.4911, 0.2527,
0.3426

■ 65.3152, 0.2622,
0.3395

67.5438, 0.2732,
0.3366

70.2002, 0.2855,
0.3338

73.3061, 0.2989,
0.3313

76.8815, 0.3129,
0.3290

80.9454, 0.3274,
0.3269

Harmonies

Analogous

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



60.1722, 0.2832, 0.4098



60.1722, 0.2354, 0.3522



60.1722, 0.2092, 0.2931

Triad

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



60.1722, 0.2354, 0.3522



60.1722, 0.2752, 0.2405



60.1722, 0.4283, 0.3928

Complementary

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



60.1722, 0.2354, 0.3522



18.6220, 0.5718, 0.3175

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.



60.1722, 0.4285, 0.3472



60.1722, 0.2354, 0.3522



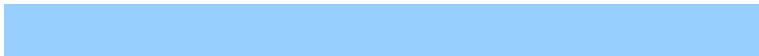
60.1722, 0.3349, 0.2641

Square

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



60.1722, 0.2354, 0.3522



60.1722, 0.2305, 0.2355



60.1722, 0.3931, 0.3018



60.1722, 0.3953, 0.4284

Rectangle

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



60.1722, 0.2354, 0.3522



60.1722, 0.2056, 0.2634



60.1722, 0.3931, 0.3018



60.1722, 0.4324, 0.3781

Sweetspot

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



60.1745, 0.2354, 0.3522



89.8181, 0.2801, 0.3350



56.2277, 0.3064, 0.5731



18.9642, 0.2757, 0.3360



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.



60.1745, 0.2354, 0.3522



77.4122, 0.2330, 0.3576



29.3974, 0.2002, 0.2211



16.3118, 0.2994, 0.3312



34.6392, 0.2328, 0.3582



2.5666, 0.2315, 0.3535

Inverse Universe

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



18.6220, 0.5718, 0.3175



21.5923, 0.6246, 0.3240



29.5419, 0.5196, 0.3969



14.3899, 0.3278, 0.3268



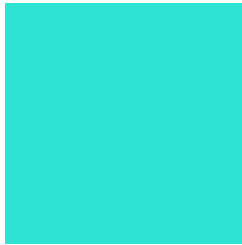
9.5640, 0.6291, 0.3239



0.7143, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 60.1722, 0.2354, 0.3522 looks on a white background.

Color Contrast Check

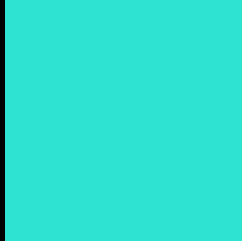
Large Text (above 18pt) WCAG AA × Fail

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 60.1722, 0.2354, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

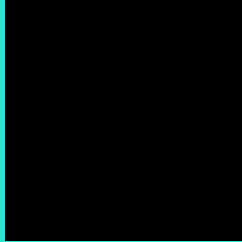
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

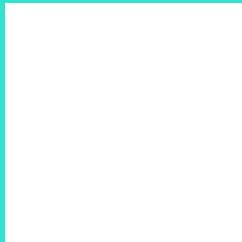
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1722, 0.2354, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 60.1722, 0.2354, 0.3522.

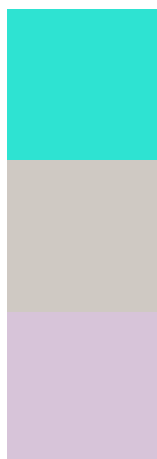


This preview shows how white text looks on a background with the Yxy color 60.1722, 0.2354, 0.3522.

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

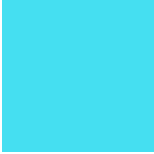
60.1722, 0.2354, 0.3522

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

58.9367, 0.3123, 0.3053



Tritanopia

60.3914, 0.2263, 0.3056

Trichromacy



Original Color

60.1722, 0.2354, 0.3522



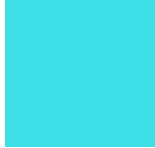
Protanomaly

56.5592, 0.2762, 0.3420



Deuteranomaly

56.2530, 0.2707, 0.3200



Tritanomaly

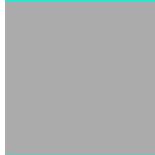
60.0166, 0.2291, 0.3208

Monochromacy



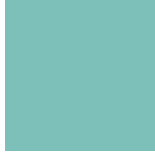
Original Color

60.1722, 0.2354, 0.3522



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

45.1244, 0.2681, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1722, 0.2354, 0.3522 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(46, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(46, 227, 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(46, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 227, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.1722, 0.2354, 0.3522 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(46, 227, 210) }
```

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

```
.border{ border-color:rgb(46, 227, 210) }
```

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

Here you see how a box with a 4 pixel rgb(46, 227, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(46, 227,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1722, 0.2354, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 227, 210) }
```

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

```
.background{ background-color: rgb(46, 227,  
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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