

Converting Colors

$Y_{xy}(60.2982, 0.2156, 0.2958)$

Have a look what the booklet for
Yxy(60.2982, 0.2156, 0.2958)
contains.

Yxy(60.2263, 0.2155, 0.2954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.2263, 0.2155, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	03E0FA
RGB	3, 224, 250
RGB Percent	1%, 88%, 98%
CMY	0.9896, 0.1216, 0.0198
CMYK	0.99, 0.10, 0.00, 0.02
HSL	186°, 98%, 50%
HSV	186°, 99%, 98%
XYZ	43.9362, 60.2263, 99.7180
YIQ	160.8850, -140.0620, -38.7660

Conversions

Conversions Part 2

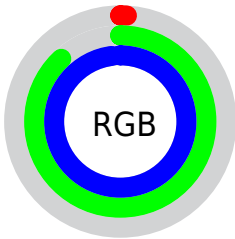
Format	Color
R _Y B	3, 120, 250
Decimal	254202
CIE Lab	81.96, -35.64, -25.32
CIE LCh	82, 43.724, 215.394
Yxy	60.2263, 0.2155, 0.2954
Android (android.graphics.Color)	4278444282 (0xFF03E0FA)
YUV	160.8850, 43.9337, -138.4651
Hunter-Lab	77.6056, -34.7524, -21.8597

Details

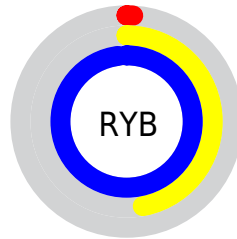
The Yxy color **60.2263, 0.2155, 0.2954** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **21.1824, 0.6316, 0.3357**, and the grayscale version is **35.3730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5219, 0.2436, 0.3288**, and **31.8555, 0.2132, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **60.0617, 0.2153, 0.2950**, and if you desaturate by 10%, it is **61.8746, 0.2179, 0.2990**.

Distribution



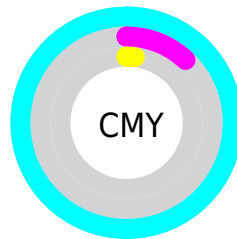
- Red (1%)
- Green (88%)
- Blue (98%)



- Red (1%)
- Yellow (47%)
- Blue (98%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (99%)
- Magenta (12%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2263, 0.2155, 0.2954 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 60.2263, 0.2155, 0.2954 by changing the saturation by 10% instead.


 60.2263, 0.2155,
0.2954


 60.2263, 0.2155,
0.2954


 425.4314, 0.2599,
0.3130


 43.6011, 0.2056,
0.2909


 105.1579, 0.2307,
0.3019

 30.3570, 0.1936,
0.2852


 134.2330, 0.2367,
0.3043

 20.1097, 0.1788,
0.2776


 168.2269, 0.2419,
0.3063

 12.4748, 0.1600,
0.2672

 207.5239, 0.2464,
0.3081

 7.0679, 0.1359,
0.2522

 252.5085, 0.2504,
0.3095

 3.5046, 0.1043,
0.2294

 303.5650, 0.2539,

 1.4005, 0.0539,

0.3108

0.1945

361.0778, 0.2571,
0.3120

■ 0.2171, 0.0000,
0.0821

■ 0.0000, 0.0000,
0.0000

■ 60.2263, 0.2155,
0.2954

■ 60.2263, 0.2155,
0.2954

■ 60.0617, 0.2153,
0.2950

■ 61.8746, 0.2179,
0.2990

■ 63.8232, 0.2219,
0.3027

■ 66.1456, 0.2278,
0.3064

■ 68.8904, 0.2357,
0.3100

■ 72.0984, 0.2454,
0.3137

■ 75.8054, 0.2569,
0.3172

■ 80.0438, 0.2698,
0.3205

■ 84.8428, 0.2839,
0.3237

■ 90.2298, 0.2989,
0.3266

Harmonies

Analogous

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



60.2263, 0.2401, 0.3501



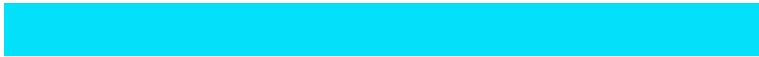
60.2263, 0.2155, 0.2954



60.2263, 0.2143, 0.2574

Triad

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



60.2263, 0.2155, 0.2954



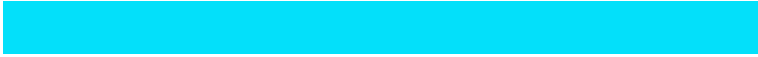
60.2263, 0.3342, 0.2684



60.2263, 0.3897, 0.4222

Complementary

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



60.2263, 0.2155, 0.2954



21.1824, 0.6316, 0.3357

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.



60.2263, 0.4205, 0.3898



60.2263, 0.2155, 0.2954



60.2263, 0.3881, 0.3042

Square

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



60.2263, 0.2155, 0.2954



60.2263, 0.2784, 0.2460



60.2263, 0.4207, 0.3471



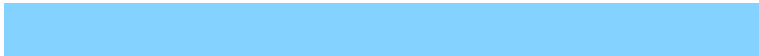
60.2263, 0.3397, 0.4302

Rectangle

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



60.2263, 0.2155, 0.2954



60.2263, 0.2264, 0.2442



60.2263, 0.4207, 0.3471



60.2263, 0.4028, 0.4134

Sweetspot

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



60.2285, 0.2155, 0.2954



83.2473, 0.2683, 0.3202



68.4447, 0.2984, 0.5936



17.4084, 0.2628, 0.3188



0.0000, 0.0000, 0.0000



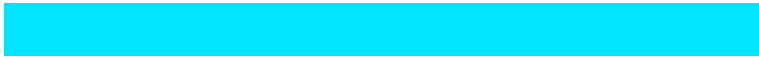
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2285, 0.2155, 0.2954



62.8349, 0.2153, 0.2950



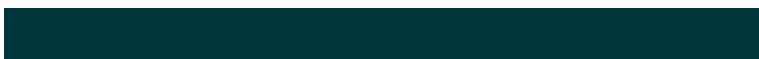
16.3365, 0.1682, 0.1250



19.2789, 0.2980, 0.3264



31.9969, 0.2155, 0.2956



3.0502, 0.2167, 0.2999

Inverse Universe

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



25.7562, 0.3495, 0.1702



26.8744, 0.3499, 0.1701



42.4679, 0.5123, 0.4308



17.4913, 0.3154, 0.3080



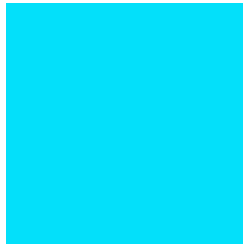
13.6410, 0.3493, 0.1698



1.2721, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 60.2263, 0.2155, 0.2954 looks on a white background.

Color Contrast Check

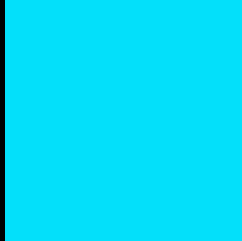
Large Text (above 18pt) WCAG AA × Fail

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 60.2263, 0.2155, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

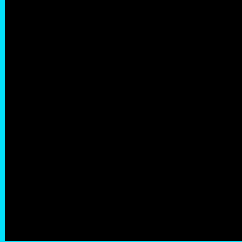
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2263, 0.2155, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 60.2263, 0.2155, 0.2954.



This preview shows how white text looks on a background with the Yxy color 60.2263, 0.2155, 0.2954.

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

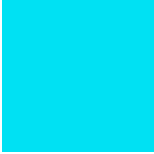
60.2328, 0.2155, 0.2954

Protanopia

58.9848, 0.2865, 0.2900

Deuteranopia

59.0775, 0.2720, 0.2656



Tritanopia

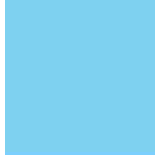
60.3215, 0.2181, 0.3053

Trichromacy



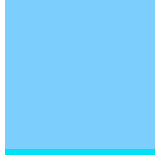
Original Color

60.2328, 0.2155, 0.2954



Protanomaly

56.3278, 0.2426, 0.2899



Deuteranomaly

56.0026, 0.2352, 0.2725



Tritanomaly

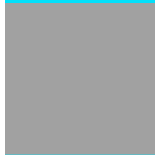
60.5107, 0.2172, 0.3016

Monochromacy



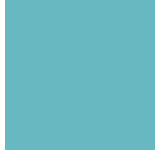
Original Color

60.2328, 0.2155, 0.2954



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

41.0148, 0.2488, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2263, 0.2155, 0.2954 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(3, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(3, 224, 250)  
}
```

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(3, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 224, 250) }
```

Border

The CSS property to change the border of an element to Yxy 60.2263, 0.2155, 0.2954 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(3, 224, 250) }
```

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

```
.border{ border-color:rgb(3, 224, 250) }
```

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

Here you see how a box with a 4 pixel rgb(3, 224, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(3, 224,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2263, 0.2155, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 224, 250) }
```

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

```
.background{ background-color: rgb(3, 224,  
250) }
```

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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