

Converting Colors

$Yxy(60.3988, 0.2231, 0.2991)$

Have a look what the booklet for
Yxy(60.3988, 0.2231, 0.2991)
contains.

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Color

Yxy(60.4859, 0.2231, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	3FDFF6
RGB	63, 223, 246
RGB Percent	25%, 87%, 96%
CMY	0.7527, 0.1255, 0.0354
CMYK	0.74, 0.09, 0.00, 0.04
HSL	188°, 91%, 61%
HSV	188°, 74%, 96%
XYZ	45.0715, 60.4859, 96.4663
YIQ	177.7820, -102.7430, -26.7670

Conversions

Conversions Part 2

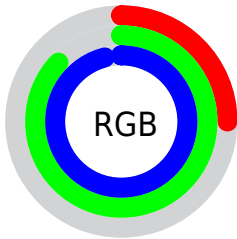
Format	Color
R _{YB}	63, 148, 246
Decimal	4186102
CIE Lab	82.10, -32.95, -22.95
CIE LCh	82, 40.152, 214.857
Yxy	60.4859, 0.2231, 0.2994
Android (android.graphics.Color)	4282376182 (0xFF3FDFF6)
YUV	177.7820, 33.6315, -100.6638
Hunter-Lab	77.7727, -32.6563, -19.1002

Details

The Yxy color **60.4859, 0.2231, 0.2994** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **26.6102, 0.5523, 0.3480**, and the grayscale version is **44.2701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9742, 0.2505, 0.3288**, and **31.3551, 0.2140, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **58.2143, 0.2180, 0.2950**, and if you desaturate by 10%, it is **63.1535, 0.2302, 0.3039**.

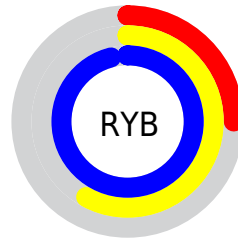
Distribution



Red (25%)

Green (87%)

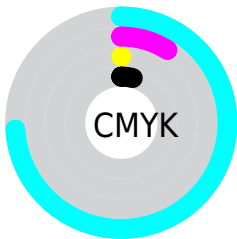
Blue (96%)



Red (25%)

Yellow (58%)

Blue (96%)

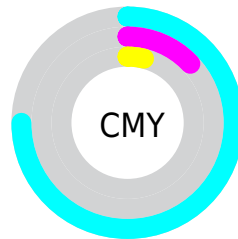


Cyan (74%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (75%)


Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4859, 0.2231, 0.2994 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 60.4859, 0.2231, 0.2994 by changing the saturation by 10% instead.


 60.4859, 0.2231,
0.2994


 60.4859, 0.2231,
0.2994

426.3865, 0.2642,
0.3149

 43.8104, 0.2139,
0.2955


 105.5342, 0.2372,
0.3051


 30.5215, 0.2026,
0.2904


 134.6758, 0.2428,
0.3072

 20.2347, 0.1886,
0.2837

 168.7416, 0.2476,
0.3090

 12.5658, 0.1708,
0.2744

 208.1159, 0.2518,
0.3105

 7.1302, 0.1476,
0.2610

253.1831, 0.2554,
0.3118

 3.5437, 0.1167,
0.2404

304.3277, 0.2587,

 1.4217, 0.0685,

0.3130

0.2077

361.9340, 0.2616,
0.3140

■ 0.2327, 0.0000,
0.0972

■ 0.0000, 0.0000,
0.0000

■ 60.4859, 0.2231,
0.2994

■ 60.4859, 0.2231,
0.2994

■ 58.2143, 0.2180,
0.2950

■ 63.1535, 0.2302,
0.3039

■ 56.2797, 0.2147,
0.2906

■ 66.2534, 0.2392,
0.3083

■ 55.2946, 0.2134,
0.2881

■ 69.8247, 0.2501,
0.3126

■ 73.9002, 0.2624,
0.3167

78.5095, 0.2761,
0.3206

83.6801, 0.2907,
0.3243

89.4372, 0.3059,
0.3276

94.8731, 0.3184,
0.3307

96.7856, 0.3182,
0.3337

Harmonies

Analogous

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



60.4859, 0.2465, 0.3495



60.4859, 0.2231, 0.2994



60.4859, 0.2215, 0.2637

Triad

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



60.4859, 0.2231, 0.2994



60.4859, 0.3317, 0.2725



60.4859, 0.3846, 0.4145

Complementary

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



60.4859, 0.2231, 0.2994



26.6102, 0.5523, 0.3480

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.



60.4859, 0.4121, 0.3850



60.4859, 0.2231, 0.2994



60.4859, 0.3811, 0.3057

Square

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



60.4859, 0.2231, 0.2994



60.4859, 0.2805, 0.2518



60.4859, 0.4114, 0.3456



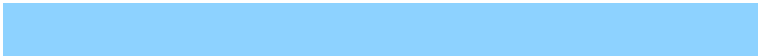
60.4859, 0.3389, 0.4215

Rectangle

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



60.4859, 0.2231, 0.2994



60.4859, 0.2325, 0.2510



60.4859, 0.4114, 0.3456



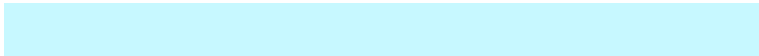
60.4859, 0.3964, 0.4066

Sweetspot

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



60.4881, 0.2231, 0.2994



86.4551, 0.2794, 0.3215



67.6015, 0.2958, 0.5460



18.1932, 0.2755, 0.3205



0.0000, 0.0000, 0.0000



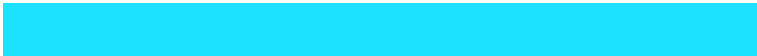
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4881, 0.2231, 0.2994



62.1307, 0.2162, 0.2928



24.5368, 0.1907, 0.1727



18.3818, 0.2981, 0.3259



29.6646, 0.2136, 0.2888



2.7047, 0.2151, 0.2943

Inverse Universe

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



28.4789, 0.3446, 0.1848



27.6112, 0.3515, 0.1750



50.9441, 0.4648, 0.4354



16.7304, 0.3157, 0.3086



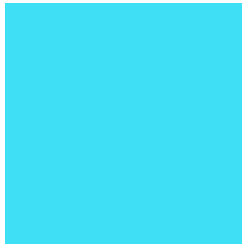
13.0940, 0.3554, 0.1731



1.1607, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 60.4859, 0.2231, 0.2994 looks on a white background.

Color Contrast Check

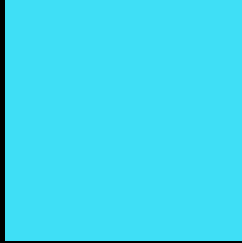
Large Text (above 18pt) WCAG AA × Fail

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 60.4859, 0.2231, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

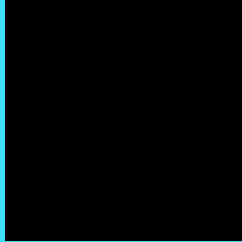
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4859, 0.2231, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 60.4859, 0.2231, 0.2994.



This preview shows how white text looks on a background with the Yxy color 60.4859, 0.2231, 0.2994.

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

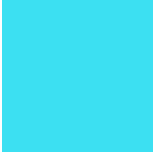
60.4859, 0.2231, 0.2994

Protanopia

59.4131, 0.2892, 0.2945

Deuteranopia

59.2235, 0.2764, 0.2700



Tritanopia

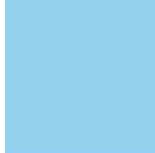
60.6828, 0.2243, 0.3056

Trichromacy



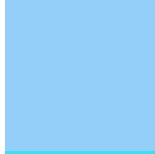
Original Color

60.4859, 0.2231, 0.2994



Protanomaly

57.9530, 0.2559, 0.2957



Deuteranomaly

57.7611, 0.2489, 0.2785



Tritanomaly

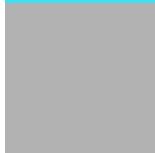
60.7745, 0.2241, 0.3043

Monochromacy



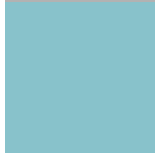
Original Color

60.4859, 0.2231, 0.2994



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

48.1296, 0.2646, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4859, 0.2231, 0.2994 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(63, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(63, 223, 246)  
}
```

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(63, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 223, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.4859, 0.2231, 0.2994 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(63, 223, 246) }
```

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

```
.border{ border-color:rgb(63, 223, 246) }
```

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

Here you see how a box with a 4 pixel rgb(63, 223, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(63, 223,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4859, 0.2231, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 223, 246) }
```

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

```
.background{ background-color: rgb(63, 223,  
246) }
```

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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