

Converting Colors

$Yxy(60.4891, 0.2232, 0.3081)$

Have a look what the booklet for
Yxy(60.4891, 0.2232, 0.3081)
contains.

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Color

Yxy(60.2807, 0.2232, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	32E0F0
RGB	50, 224, 240
RGB Percent	20%, 88%, 94%
CMY	0.8045, 0.1215, 0.0587
CMYK	0.79, 0.07, 0.00, 0.06
HSL	185°, 86%, 57%
HSV	185°, 79%, 94%
XYZ	43.6981, 60.2807, 91.8013
YIQ	173.7980, -108.8400, -31.9120

Conversions

Conversions Part 2

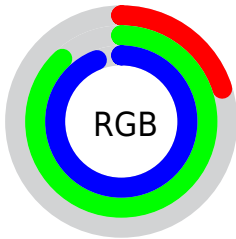
Format	Color
R _{YB}	50, 141, 240
Decimal	3334384
CIE Lab	81.99, -36.47, -19.99
CIE LCh	82, 41.590, 208.730
Yxy	60.2807, 0.2232, 0.3079
Android (android.graphics.Color)	4281524464 (0xFF32E0F0)
YUV	173.7980, 32.6376, -108.5708
Hunter-Lab	77.6406, -35.4068, -15.7553

Details

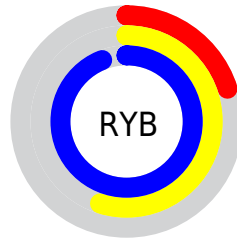
The Yxy color **60.2807, 0.2232, 0.3079** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **22.6453, 0.5788, 0.3408**, and the grayscale version is **42.0708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4071, 0.2478, 0.3288**, and **31.4660, 0.2171, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **58.7446, 0.2195, 0.3050**, and if you desaturate by 10%, it is **62.1532, 0.2288, 0.3108**.

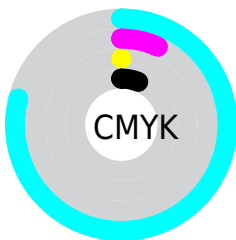
Distribution



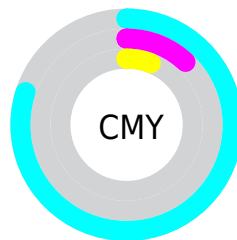
- Red (20%)
- Green (88%)
- Blue (94%)



- Red (20%)
- Yellow (55%)
- Blue (94%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)




- Cyan (80%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2807, 0.2232, 0.3079 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 60.2807, 0.2232, 0.3079 by changing the saturation by 10% instead.


 60.2807, 0.2232,
0.3079


 60.2807, 0.2232,
0.3079


425.6317, 0.2644,
0.3194

 43.6449, 0.2139,
0.3048


 105.2368, 0.2374,
0.3122

 30.3915, 0.2026,
0.3009


 134.3258, 0.2429,
0.3138

 20.1359, 0.1885,
0.2955

 168.3348, 0.2477,
0.3151

 12.4939, 0.1705,
0.2879

 207.6480, 0.2519,
0.3163

 7.0810, 0.1469,
0.2766

252.6499, 0.2556,
0.3172

 3.5128, 0.1154,
0.2586

303.7249, 0.2589,

 1.4049, 0.0608,

0.3180

0.2302

361.2573, 0.2618,
0.3188

■ 0.2204, 0.0000,
0.1087

■ 0.0000, 0.0000,
0.0000

■ 60.2807, 0.2232,
0.3079

■ 60.2807, 0.2232,
0.3079

■ 58.7446, 0.2195,
0.3050

■ 62.1532, 0.2288,
0.3108

■ 57.4703, 0.2174,
0.3022

■ 64.3994, 0.2364,
0.3137

■ 57.3766, 0.2172,
0.3019

■ 67.0588, 0.2458,
0.3166

■ 70.1636, 0.2570,
0.3194

73.7433, 0.2697,
0.3221

77.8244, 0.2836,
0.3246

82.4316, 0.2985,
0.3270

87.5878, 0.3139,
0.3292

91.1896, 0.3224,
0.3311

Harmonies

Analogous

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



60.2807, 0.2517, 0.3613



60.2807, 0.2232, 0.3079



60.2807, 0.2170, 0.2672

Triad

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



60.2807, 0.2232, 0.3079



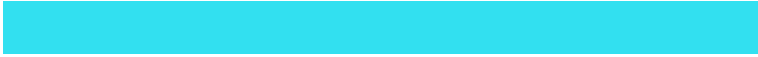
60.2807, 0.3210, 0.2650



60.2807, 0.3948, 0.4127

Complementary

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



60.2807, 0.2232, 0.3079



22.6453, 0.5788, 0.3408

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.



60.2807, 0.4181, 0.3788



60.2807, 0.2232, 0.3079



60.2807, 0.3742, 0.2970

Square

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



60.2807, 0.2232, 0.3079



60.2807, 0.2697, 0.2470



60.2807, 0.4110, 0.3373



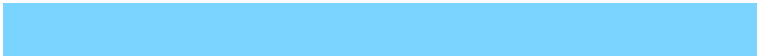
60.2807, 0.3502, 0.4261

Rectangle

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



60.2807, 0.2232, 0.3079



60.2807, 0.2253, 0.2513



60.2807, 0.4110, 0.3373



60.2807, 0.4055, 0.4030

Sweetspot

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



60.2829, 0.2232, 0.3079



86.9347, 0.2767, 0.3234



63.4088, 0.2975, 0.5639



18.2568, 0.2718, 0.3225



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.



60.2829, 0.2232, 0.3079



66.4774, 0.2181, 0.3033



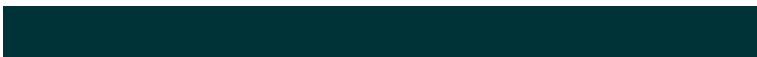
22.6952, 0.1871, 0.1705



17.6876, 0.2981, 0.3269



31.4936, 0.2173, 0.3024



2.6866, 0.2184, 0.3062

Inverse Universe

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



26.1836, 0.3377, 0.1750



27.5151, 0.3424, 0.1673



44.1807, 0.4810, 0.4317



16.0071, 0.3151, 0.3077



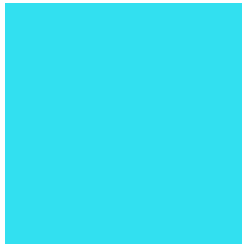
12.9727, 0.3433, 0.1665



1.0859, 0.3400, 0.1647

Previews

White Background



This preview shows how the Yxy color 60.2807, 0.2232, 0.3079 looks on a white background.

Color Contrast Check

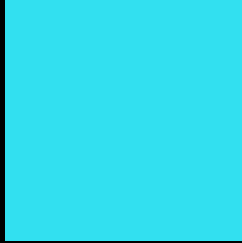
Large Text (above 18pt) WCAG AA × Fail

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 60.2807, 0.2232, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

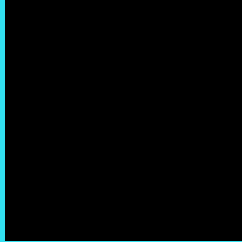
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2807, 0.2232, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 60.2807, 0.2232, 0.3079.

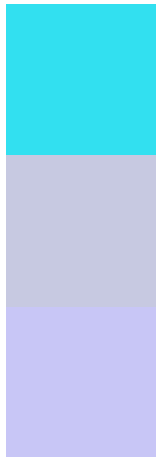


This preview shows how white text looks on a background with the Yxy color 60.2807, 0.2232, 0.3079.

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

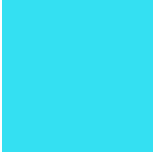
60.2807, 0.2232, 0.3079

Protanopia

59.3516, 0.2946, 0.3013

Deuteranopia

59.3213, 0.2815, 0.2754



Tritanopia

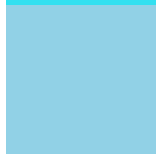
60.4522, 0.2228, 0.3055

Trichromacy



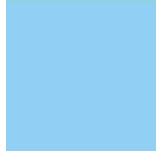
Original Color

60.2807, 0.2232, 0.3079



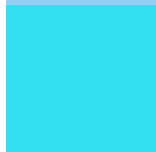
Protanomaly

57.3338, 0.2574, 0.3026



Deuteranomaly

57.1770, 0.2498, 0.2838



Tritanomaly

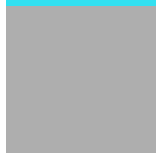
60.3660, 0.2230, 0.3067

Monochromacy



Original Color

60.2807, 0.2232, 0.3079



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

46.4436, 0.2629, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2807, 0.2232, 0.3079 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(50, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(50, 224, 240)  
}
```

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(50, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 224, 240) }
```

Border

The CSS property to change the border of an element to Yxy 60.2807, 0.2232, 0.3079 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(50, 224, 240) }
```

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

```
.border{ border-color:rgb(50, 224, 240) }
```

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

Here you see how a box with a 4 pixel rgb(50, 224, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(50, 224,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2807, 0.2232, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 224, 240) }
```

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

```
.background{ background-color: rgb(50, 224,  
240) }
```

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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