

Converting Colors

$Yxy(60.1468, 0.2535, 0.3288)$

Have a look what the booklet for
Yxy(60.1468, 0.2535, 0.3288)
contains.

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Color

Yxy(59.9885, 0.2537, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	7BDBDB
RGB	123, 219, 219
RGB Percent	48%, 86%, 86%
CMY	0.5177, 0.1412, 0.1411
CMYK	0.44, 0.00, 0.00, 0.14
HSL	180°, 57%, 67%
HSV	180°, 44%, 86%
XYZ	46.2867, 59.9885, 76.1715
YIQ	190.2960, -57.2160, -20.3520

Conversions

Conversions Part 2

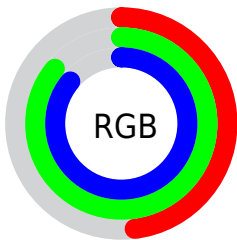
Format	Color
RYB	123, 171, 219
Decimal	8117211
CIELab	81.83, -28.31, -8.87
CIELCh	82, 29.669, 197.393
Yxy	59.9885, 0.2537, 0.3288
Android (android.graphics.Color)	4286307291 (0xFF7BDBDB)
YUV	190.2960, 14.1511, -59.0186
Hunter-Lab	77.4522, -28.8669, -4.0930

Details

The Yxy color **59.9885, 0.2537, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.6613, 0.4284, 0.3294**, and the grayscale version is **51.6140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **30.3212, 0.2395, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **58.5502, 0.2442, 0.3288**, and if you desaturate by 10%, it is **61.7928, 0.2649, 0.3288**.

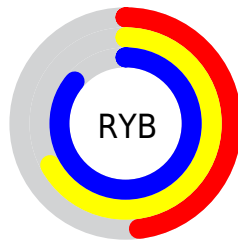
Distribution



Red (48%)

Green (86%)

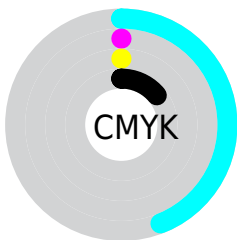
Blue (86%)



Red (48%)

Yellow (67%)

Blue (86%)

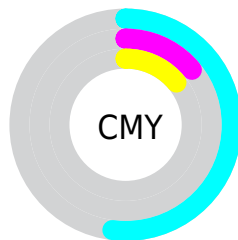


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (52%)


Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9885, 0.2537, 0.3288 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 59.9885, 0.2537, 0.3288 by changing the saturation by 10% instead.

 59.9885, 0.2537,
0.3288

 59.9885, 0.2537,
0.3288


424.5554, 0.2815,
0.3295

 43.4094, 0.2473,
0.3285


 104.8130, 0.2634,
0.3292

 30.2064, 0.2393,
0.3280


 133.8271, 0.2672,
0.3293

 19.9953, 0.2291,
0.3272


 167.7551, 0.2704,
0.3293

 12.3917, 0.2158,
0.3259

206.9812, 0.2732,
0.3294

 7.0110, 0.1975,
0.3237

251.8899, 0.2756,
0.3294

 3.4690, 0.1712,
0.3192

302.8655, 0.2778,

 1.3812, 0.1248,

0.3295

0.3113

360.2926, 0.2797,
0.3295

0.2028, 0.0000,
0.1943

0.0000, 0.0000,
0.0000

59.9885, 0.2537,
0.3288

59.9885, 0.2537,
0.3288

58.5502, 0.2442,
0.3288

61.7928, 0.2649,
0.3288

57.4465, 0.2367,
0.3287


63.9781, 0.2777,
0.3289

56.6522, 0.2311,
0.3287

66.5673, 0.2917,
0.3289


56.1359, 0.2273,
0.3287


69.5791, 0.3067,
0.3290

 55.8589, 0.2253,
0.3287

 73.0314, 0.3224,
0.3290

 55.7683, 0.2246,
0.3287

 76.9408, 0.3385,
0.3291

 77.0561, 0.3390,
0.3291

 77.0583, 0.3390,
0.3291

 77.0605, 0.3390,
0.3291

Harmonies

Analogous

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



59.9885, 0.2806, 0.3655



59.9885, 0.2537, 0.3288



59.9885, 0.2422, 0.2950

Triad

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



59.9885, 0.2537, 0.3288



59.9885, 0.3045, 0.2753



59.9885, 0.3806, 0.3826

Complementary

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



59.9885, 0.2537, 0.3288



30.6613, 0.4284, 0.3294

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.



59.9885, 0.3888, 0.3557



59.9885, 0.2537, 0.3288



59.9885, 0.3433, 0.2959

Square

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



59.9885, 0.2537, 0.3288



59.9885, 0.2701, 0.2670



59.9885, 0.3749, 0.3246



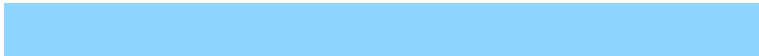
59.9885, 0.3540, 0.3970

Rectangle

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



59.9885, 0.2537, 0.3288



59.9885, 0.2442, 0.2789



59.9885, 0.3749, 0.3246



59.9885, 0.3857, 0.3746

Sweetspot

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



59.9908, 0.2537, 0.3288



94.2418, 0.2928, 0.3289



56.3147, 0.3063, 0.4652



19.9846, 0.2896, 0.3289



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.



59.9908, 0.2537, 0.3288



82.7057, 0.2446, 0.3288



38.4539, 0.2424, 0.2624



14.8291, 0.2982, 0.3290



33.0606, 0.2246, 0.3287



2.1420, 0.2246, 0.3287

Inverse Universe

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



34.3416, 0.3177, 0.2223



41.8752, 0.3187, 0.2022



45.6214, 0.4013, 0.3865



13.2748, 0.3138, 0.3060



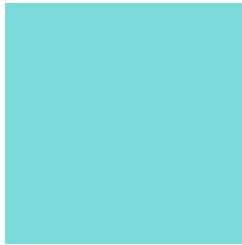
11.9613, 0.3210, 0.1542



0.7749, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 59.9885, 0.2537, 0.3288 looks on a white background.

Color Contrast Check

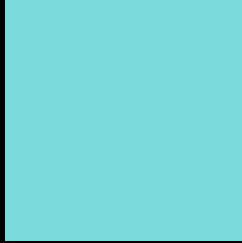
Large Text (above 18pt) WCAG AA × Fail

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 59.9885, 0.2537, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

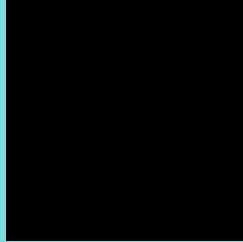
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9885, 0.2537, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 59.9885, 0.2537, 0.3288.



This preview shows how white text looks on a background with the Yxy color 59.9885, 0.2537, 0.3288.

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

59.9885, 0.2537, 0.3288

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

59.3114, 0.3049, 0.2986



Tritanopia

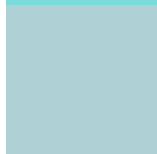
60.1554, 0.2483, 0.3075

Trichromacy



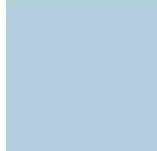
Original Color

59.9885, 0.2537, 0.3288



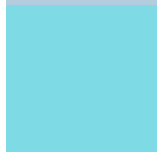
Protanomaly

58.9792, 0.2863, 0.3240



Deuteranomaly

58.6399, 0.2833, 0.3085



Tritanomaly

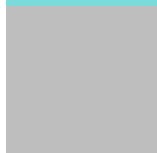
60.2356, 0.2500, 0.3149

Monochromacy



Original Color

59.9885, 0.2537, 0.3288



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.0973, 0.2867, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9885, 0.2537, 0.3288 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(123, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(123, 219, 219)  
}
```

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(123, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 219, 219) }
```

Border

The CSS property to change the border of an element to Yxy 59.9885, 0.2537, 0.3288 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(123, 219, 219) }
```

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

```
.border{ border-color:rgb(123, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 219, 219); box-shadow:4px 4px 4px 4px rgb(123, 219, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9885, 0.2537, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 219, 219) }
```

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

```
.background{ background-color: rgb(123,  
219, 219) }
```

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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