

Converting Colors

$Yxy(60.0384, 0.2658, 0.3289)$

Have a look what the booklet for
Yxy(60.0384, 0.2658, 0.3289)
contains.

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Color

Yxy(59.9989, 0.2656, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	90D8D8
RGB	144, 216, 216
RGB Percent	56%, 85%, 85%
CMY	0.4352, 0.1529, 0.1531
CMYK	0.33, 0.00, 0.00, 0.15
HSL	180°, 48%, 71%
HSV	180°, 33%, 85%
XYZ	48.4515, 59.9989, 73.9725
YIQ	194.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

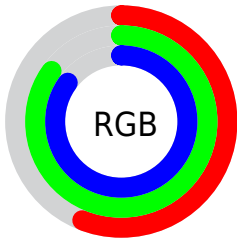
Format	Color
RYB	144, 180, 216
Decimal	9492696
CIELab	81.84, -22.30, -7.13
CIELCh	82, 23.410, 197.742
Yxy	59.9989, 0.2656, 0.3289
Android (android.graphics.Color)	4287682776 (0xFF90D8D8)
YUV	194.4720, 10.6133, -44.2639
Hunter-Lab	77.4590, -23.8992, -2.4001

Details

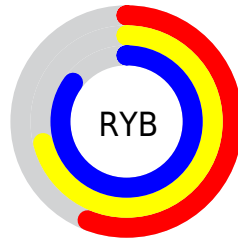
The Yxy color **59.9989, 0.2656, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5682, 0.3901, 0.3292**, and the grayscale version is **54.2008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **30.1868, 0.2538, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **58.2379, 0.2543, 0.3289**, and if you desaturate by 10%, it is **62.1368, 0.2784, 0.3289**.

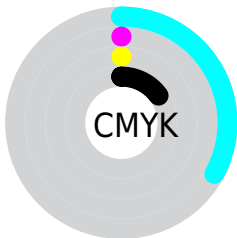
Distribution



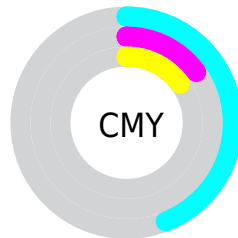
- Red (56%)
- Green (85%)
- Blue (85%)



- Red (56%)
- Yellow (71%)
- Blue (85%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9989, 0.2656, 0.3289 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 59.9989, 0.2656, 0.3289 by changing the saturation by 10% instead.


 59.9989, 0.2656,
0.3289


 59.9989, 0.2656,
0.3289


424.5937, 0.2879,
0.3293

 43.4177, 0.2604,
0.3287


 104.8281, 0.2734,
0.3291

 30.2130, 0.2539,
0.3284


 133.8449, 0.2764,
0.3292

 20.0003, 0.2457,
0.3279


167.7757, 0.2790,
0.3292

 12.3953, 0.2347,
0.3271

207.0049, 0.2812,
0.3293

 7.0135, 0.2196,
0.3257

251.9169, 0.2832,
0.3293

 3.4705, 0.1974,
0.3228

302.8961, 0.2849,

 1.3820, 0.1607,

0.3293

0.3167

360.3269, 0.2865,
0.3293

0.2034, 0.0000,
0.2202

0.0000, 0.0000,
0.0000

59.9989, 0.2656,
0.3289

59.9989, 0.2656,
0.3289

58.2379, 0.2543,
0.3289

62.1368, 0.2784,
0.3289

56.8254, 0.2448,
0.3289

64.6640, 0.2925,
0.3290

55.7402, 0.2371,
0.3289

67.6011, 0.3076,
0.3290

54.9562, 0.2314,
0.3289

70.9652, 0.3233,
0.3290

■ 54.4429, 0.2275,
0.3289

■ 74.7725, 0.3393,
0.3291

■ 54.1637, 0.2254,
0.3289

■ 75.3330, 0.3416,
0.3291

■ 54.0666, 0.2247,
0.3289

■ 75.3335, 0.3416,
0.3291

■ 75.3340, 0.3415,
0.3290

■ 75.3345, 0.3415,
0.3290

Harmonies

Analogous

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



59.9989, 0.2872, 0.3572



59.9989, 0.2656, 0.3289



59.9989, 0.2563, 0.3023

Triad

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



59.9989, 0.2656, 0.3289



59.9989, 0.3068, 0.2861



59.9989, 0.3663, 0.3721

Complementary

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



59.9989, 0.2656, 0.3289



36.5682, 0.3901, 0.3292

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.



59.9989, 0.3726, 0.3512



59.9989, 0.2656, 0.3289



59.9989, 0.3373, 0.3029

Square

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



59.9989, 0.2656, 0.3289



59.9989, 0.2792, 0.2794



59.9989, 0.3618, 0.3262



59.9989, 0.3454, 0.3825

Rectangle

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



59.9989, 0.2656, 0.3289



59.9989, 0.2580, 0.2893



59.9989, 0.3618, 0.3262



59.9989, 0.3702, 0.3660

Sweetspot

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



60.0013, 0.2656, 0.3289



95.4796, 0.2973, 0.3290



57.1678, 0.3089, 0.4275



20.3113, 0.2952, 0.3290



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.



60.0013, 0.2656, 0.3289



85.5093, 0.2575, 0.3289



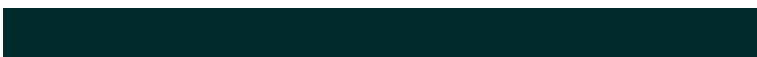
44.0238, 0.2597, 0.2825



14.1078, 0.2983, 0.3290



32.0008, 0.2247, 0.3289



1.9302, 0.2247, 0.3289

Inverse Universe

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



36.5682, 0.3901, 0.3292



46.3439, 0.4148, 0.3293



48.7793, 0.3762, 0.3712



12.4209, 0.3291, 0.3290



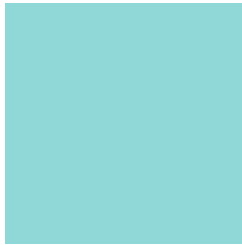
8.6413, 0.6400, 0.3299



0.5212, 0.6399, 0.3298

Previews

White Background



This preview shows how the Yxy color 59.9989, 0.2656, 0.3289 looks on a white background.

Color Contrast Check

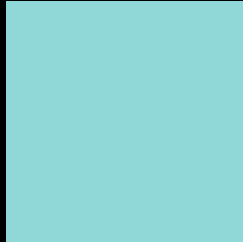
Large Text (above 18pt) WCAG AA × Fail

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 59.9989, 0.2656, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

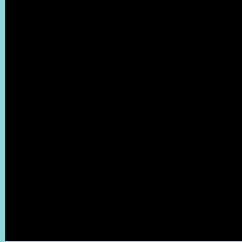
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

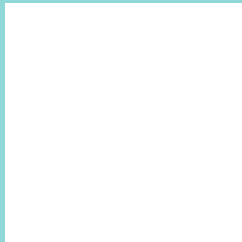
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9989, 0.2656, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 59.9989, 0.2656, 0.3289.

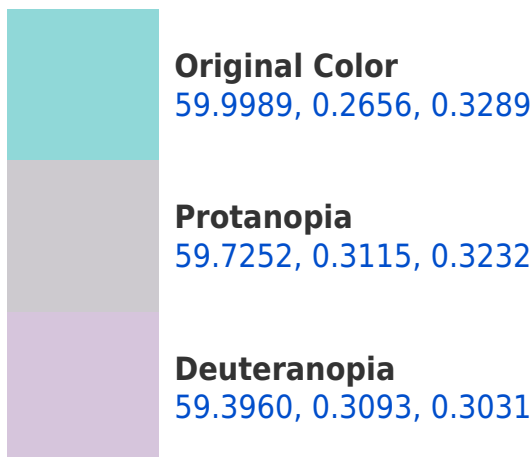


This preview shows how white text looks on a background with the Yxy color 59.9989, 0.2656, 0.3289.

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





Tritanopia

60.1586, 0.2594, 0.3079

Trichromacy



Original Color

59.9989, 0.2656, 0.3289

Protanomaly

59.3461, 0.2931, 0.3253

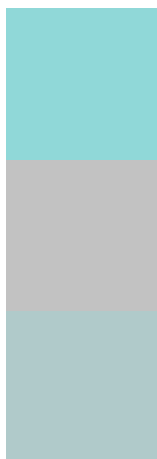
Deuteranomaly

59.1190, 0.2914, 0.3112

Tritanomaly

60.2949, 0.2617, 0.3152

Monochromacy



Original Color

59.9989, 0.2656, 0.3289

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.7354, 0.2932, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9989, 0.2656, 0.3289 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(144, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(144, 216, 216)  
}
```

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(144, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 216, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.9989, 0.2656, 0.3289 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(144, 216, 216) }
```

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

```
.border{ border-color:rgb(144, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 216, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 216, 216); box-shadow:4px 4px 4px 4px rgb(144, 216, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9989, 0.2656, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 216, 216) }
```

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

```
.background{ background-color: rgb(144,  
216, 216) }
```

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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