

Converting Colors

$Yxy(55.1006, 0.2742, 0.3289)$

Have a look what the booklet for
Yxy(55.1006, 0.2742, 0.3289)
contains.

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Color

Yxy(55.1782, 0.2740, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	97CECE
RGB	151, 206, 206
RGB Percent	59%, 81%, 81%
CMY	0.4080, 0.1921, 0.1922
CMYK	0.27, 0.00, 0.00, 0.19
HSL	180°, 36%, 70%
HSV	180°, 27%, 81%
XYZ	45.9679, 55.1782, 66.6198
YIQ	189.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

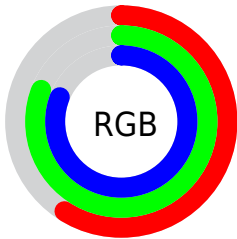
Format	Color
R_{YB}	151, 179, 206
Decimal	9948878
CIE _{Lab}	79.14, -17.63, -5.75
CIE _{LCh}	79, 18.544, 198.059
Yxy	55.1782, 0.2740, 0.3289
Android (android.graphics.Color)	4288138958 (0xFF97CECE)
YUV	189.5550, 8.1074, -33.8127
Hunter-Lab	74.2820, -19.5326, -1.1768

Details

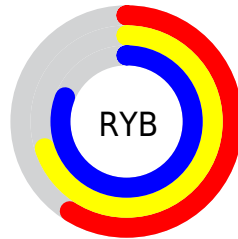
The Yxy color **55.1782, 0.2740, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4760, 0.3698, 0.3292**, and the grayscale version is **51.1862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **27.3201, 0.2640, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **53.3790, 0.2617, 0.3289**, and if you desaturate by 10%, it is **57.3262, 0.2877, 0.3289**.

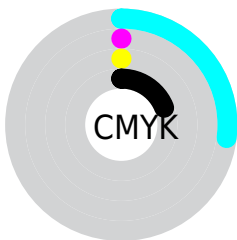
Distribution



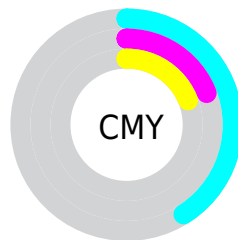
- Red (59%)
- Green (81%)
- Blue (81%)



- Red (59%)
- Yellow (70%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




- Cyan (41%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1782, 0.2740, 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 55.1782, 0.2740, 0.3289 by changing the saturation by 10% instead.


 55.1782, 0.2740,
0.3289

 55.1782, 0.2740,
0.3289


406.5871, 0.2926,
0.3292

 39.5444, 0.2696,
0.3288

 97.8020, 0.2806,
0.3291

 27.1835, 0.2640,
0.3285


 125.5608, 0.2831,
0.3291

 17.7111, 0.2568,
0.3282


158.1301, 0.2853,
0.3291

 10.7428, 0.2471,
0.3276

195.8942, 0.2872,
0.3292

 5.8941, 0.2334,
0.3265

239.2375, 0.2888,
0.3292

 2.7808, 0.2126,
0.3242

288.5445, 0.2902,

 1.0184, 0.1682,

0.3292

344.1996, 0.2915,
0.3292

0.3222

0.0000, 0.0000,
0.0000

55.1782, 0.2740,
0.3289

55.1782, 0.2740,
0.3289

53.3790, 0.2617,
0.3289

57.3262, 0.2877,
0.3289

51.9041, 0.2510,
0.3288

59.8330, 0.3024,
0.3290

50.7360, 0.2421,
0.3288

62.7163, 0.3178,
0.3290

49.8533, 0.2350,
0.3288

65.9907, 0.3338,
0.3291

49.2314, 0.2299,
0.3288

69.6702, 0.3499,
0.3291

■ 48.8418, 0.2267,
0.3288

■ 69.8668, 0.3507,
0.3291

■ 48.6473, 0.2250,
0.3288

■ 69.8670, 0.3507,
0.3291

■ 48.6037, 0.2247,
0.3288

■ 69.8672, 0.3507,
0.3291

■ 69.8675, 0.3507,
0.3291

Harmonies

Analogous

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



55.1782, 0.2918, 0.3516



55.1782, 0.2740, 0.3289



55.1782, 0.2664, 0.3073

Triad

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



55.1782, 0.2740, 0.3289



55.1782, 0.3083, 0.2937



55.1782, 0.3563, 0.3645

Complementary

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



55.1782, 0.2740, 0.3289



37.4760, 0.3698, 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.



55.1782, 0.3614, 0.3477



55.1782, 0.2740, 0.3289



55.1782, 0.3331, 0.3078

Square

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



55.1782, 0.2740, 0.3289



55.1782, 0.2856, 0.2882



55.1782, 0.3528, 0.3271



55.1782, 0.3393, 0.3724

Rectangle

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



55.1782, 0.2740, 0.3289



55.1782, 0.2679, 0.2966



55.1782, 0.3528, 0.3271



55.1782, 0.3595, 0.3597

Sweetspot

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



55.1804, 0.2740, 0.3289



96.3339, 0.3003, 0.3290



53.0452, 0.3098, 0.4050



20.4814, 0.2980, 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.



55.1804, 0.2740, 0.3289



87.6687, 0.2668, 0.3289



43.4336, 0.2706, 0.2931



12.7270, 0.2984, 0.3290



29.9242, 0.2247, 0.3288



1.5438, 0.2247, 0.3288

Inverse Universe

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



37.4760, 0.3698, 0.3292



54.3341, 0.3868, 0.3292



47.0253, 0.3612, 0.3624



11.2137, 0.3290, 0.3290



8.0801, 0.6400, 0.3300



0.4169, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 55.1782, 0.2740, 0.3289 looks on a white background.

Color Contrast Check

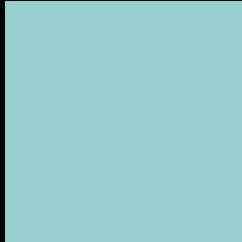
Large Text (above 18pt) WCAG AA × Fail

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 55.1782, 0.2740, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

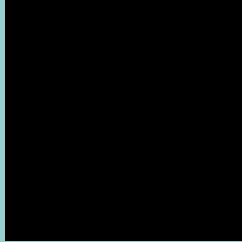
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

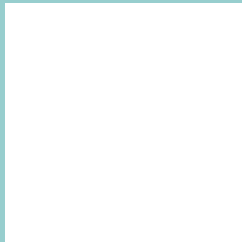
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1782, 0.2740, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 55.1782, 0.2740, 0.3289.



This preview shows how white text looks on a background with the Yxy color 55.1782, 0.2740, 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



Original Color

55.1782, 0.2740, 0.3289

Protanopia

54.7129, 0.3122, 0.3230

Deuteranopia

54.8403, 0.3129, 0.3068



Tritanopia

55.2231, 0.2674, 0.3087

Trichromacy



Original Color

55.1782, 0.2740, 0.3289

Protanomaly

54.4762, 0.2968, 0.3240

Deuteranomaly

54.5987, 0.2972, 0.3143

Tritanomaly

55.3412, 0.2698, 0.3161

Monochromacy



Original Color

55.1782, 0.2740, 0.3289

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6955, 0.2972, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1782, 0.2740, 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(151, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 206, 206)  
}
```

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(151, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 206, 206) }
```

Border

The CSS property to change the border of an element to Yxy 55.1782, 0.2740, 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(151, 206, 206) }
```

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

```
.border{ border-color:rgb(151, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(151, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 206,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1782, 0.2740, 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(151, 206, 206) }
```

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

```
.background{ background-color: rgb(151,  
206, 206) }
```

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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