

Converting Colors

Yxy(55.5514, 0.2666, 0.3224)

Have a look what the booklet for
Yxy(55.5514, 0.2666, 0.3224)
contains.

Yxy(55.3989, 0.2670, 0.3224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.3989, 0.2670, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	91CFD4
RGB	145, 207, 212
RGB Percent	57%, 81%, 83%
CMY	0.4312, 0.1883, 0.1687
CMYK	0.32, 0.02, 0.00, 0.17
HSL	184°, 44%, 70%
HSV	184°, 32%, 83%
XYZ	45.8794, 55.3989, 70.5546
YIQ	189.0320, -38.5570, -11.5890

Conversions

Conversions Part 2

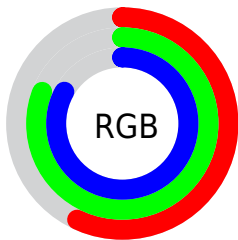
Format	Color
RYB	145, 177, 212
Decimal	9555924
CIELab	79.27, -18.43, -8.81
CIElCh	79, 20.426, 205.548
Yxy	55.3989, 0.2670, 0.3224
Android (android.graphics.Color)	4287746004 (0xFF91CFD4)
YUV	189.0320, 11.3232, -38.6161
Hunter-Lab	74.4304, -20.2248, -4.1012

Details

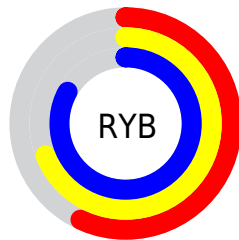
The Yxy color **55.3989, 0.2670, 0.3224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8705, 0.3825, 0.3355**, and the grayscale version is **50.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **27.4409, 0.2555, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **52.8881, 0.2548, 0.3200**, and if you desaturate by 10%, it is **58.2812, 0.2805, 0.3247**.

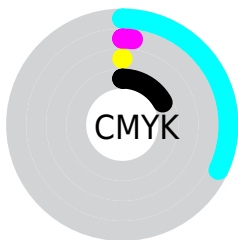
Distribution



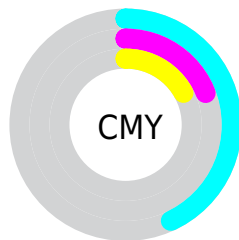
- Red (57%)
- Green (81%)
- Blue (83%)



- Red (57%)
- Yellow (69%)
- Blue (83%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)




- Cyan (43%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3989, 0.2670, 0.3224 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 55.3989, 0.2670, 0.3224 by changing the saturation by 10% instead.


 55.3989, 0.2670,
0.3224

 55.3989, 0.2670,
0.3224


407.4222, 0.2889,
0.3260

 39.7212, 0.2618,
0.3214


 98.1252, 0.2747,
0.3238

 27.3212, 0.2553,
0.3202


 125.9425, 0.2777,
0.3243

 17.8146, 0.2470,
0.3184


158.5752, 0.2802,
0.3247

 10.8170, 0.2358,
0.3158

196.4076, 0.2824,
0.3250

 5.9439, 0.2201,
0.3119

239.8241, 0.2844,
0.3253

 2.8110, 0.1967,
0.3050

289.2091, 0.2860,

 1.0339, 0.1495,

0.3256

0.2941

344.9470, 0.2875,
0.3258

0.0000, 0.0000,
0.0000

55.3989, 0.2670,
0.3224

55.3989, 0.2670,
0.3224

52.8881, 0.2548,
0.3200

58.2812, 0.2805,
0.3247

50.7220, 0.2441,
0.3176

61.5468, 0.2951,
0.3268

48.8809, 0.2352,
0.3150

65.2152, 0.3103,
0.3287

47.3403, 0.2282,
0.3125

69.3024, 0.3259,
0.3305

46.0719, 0.2231,
0.3099

73.8239, 0.3417,
0.3321

■ 45.0420, 0.2198,
0.3074

■ 75.3742, 0.3444,
0.3337

■ 44.3100, 0.2181,
0.3053

■ 76.1911, 0.3441,
0.3352

■ 77.0158, 0.3439,
0.3368

■ 77.8484, 0.3436,
0.3384

Harmonies

Analogous

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



55.3989, 0.2840, 0.3480



55.3989, 0.2670, 0.3224



55.3989, 0.2619, 0.3001

Triad

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



55.3989, 0.2670, 0.3224



55.3989, 0.3147, 0.2935



55.3989, 0.3570, 0.3713

Complementary

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



55.3989, 0.2670, 0.3224



37.8705, 0.3825, 0.3355

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.



55.3989, 0.3663, 0.3546



55.3989, 0.2670, 0.3224



55.3989, 0.3413, 0.3106

Square

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



55.3989, 0.2670, 0.3224



55.3989, 0.2885, 0.2848



55.3989, 0.3606, 0.3325



55.3989, 0.3358, 0.3770

Rectangle

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



55.3989, 0.2670, 0.3224



55.3989, 0.2656, 0.2901



55.3989, 0.3606, 0.3325



55.3989, 0.3616, 0.3667

Sweetspot

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



55.4011, 0.2670, 0.3224



94.8164, 0.2988, 0.3273



55.2932, 0.3056, 0.4152



20.1256, 0.2966, 0.3270



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.



55.4011, 0.2670, 0.3224



81.4923, 0.2585, 0.3208



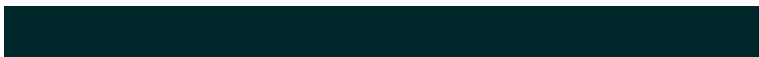
41.0734, 0.2617, 0.2776



13.9418, 0.2983, 0.3272



27.4228, 0.2182, 0.3057



1.7024, 0.2194, 0.3100

Inverse Universe

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



38.7683, 0.3209, 0.2563



52.5109, 0.3230, 0.2409



49.9025, 0.3700, 0.3754



12.6160, 0.3149, 0.3077



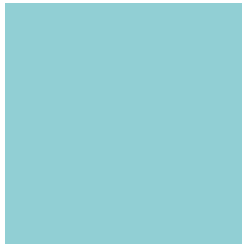
11.1132, 0.3405, 0.1649



0.6752, 0.3367, 0.1629

Previews

White Background



This preview shows how the Yxy color 55.3989, 0.2670, 0.3224 looks on a white background.

Color Contrast Check

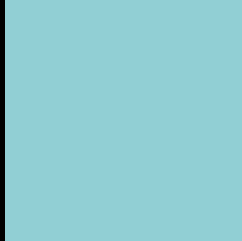
Large Text (above 18pt) WCAG AA × Fail

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 55.3989, 0.2670, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

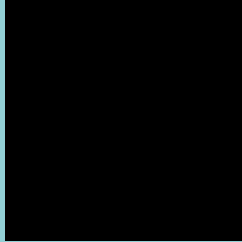
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3989, 0.2670, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 55.3989, 0.2670, 0.3224.



This preview shows how white text looks on a background with the Yxy color 55.3989, 0.2670, 0.3224.

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

55.3989, 0.2670, 0.3224

Protanopia

54.6790, 0.3069, 0.3169

Deuteranopia

54.7123, 0.3061, 0.2998



Tritanopia

55.1396, 0.2622, 0.3073

Trichromacy



Original Color

55.3989, 0.2670, 0.3224

Protanomaly

54.6990, 0.2905, 0.3190

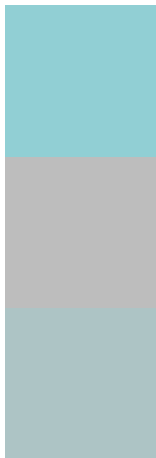
Deuteranomaly

54.4022, 0.2901, 0.3070

Tritanomaly

55.3156, 0.2640, 0.3135

Monochromacy



Original Color

55.3989, 0.2670, 0.3224

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.3953, 0.2942, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3989, 0.2670, 0.3224 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(145, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(145, 207, 212)  
}
```

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(145, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.3989, 0.2670, 0.3224 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(145, 207, 212) }
```

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

```
.border{ border-color:rgb(145, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(145, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(145, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3989, 0.2670, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 207, 212) }
```

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

```
.background{ background-color: rgb(145,  
207, 212) }
```

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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