

Converting Colors

$Yxy(54.8190, 0.2727, 0.3352)$

Have a look what the booklet for
Yxy(54.8190, 0.2727, 0.3352)
contains.

Yxy(54.9097, 0.2728, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9097, 0.2728, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	91CFCA
RGB	145, 207, 202
RGB Percent	57%, 81%, 79%
CMY	0.4314, 0.1882, 0.2079
CMYK	0.30, 0.00, 0.02, 0.19
HSL	175°, 39%, 69%
HSV	175°, 30%, 81%
XYZ	44.6479, 54.9097, 64.1077
YIQ	187.8920, -35.3470, -14.6990

Conversions

Conversions Part 2

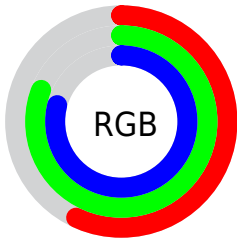
Format	Color
RYB	145, 177, 207
Decimal	9555914
CIELab	78.99, -20.76, -3.85
CIElCh	79, 21.112, 190.517
Yxy	54.9097, 0.2728, 0.3355
Android (android.graphics.Color)	4287745994 (0xFF91CFCA)
YUV	187.8920, 6.9552, -37.6163
Hunter-Lab	74.1011, -22.1259, 0.5767

Details

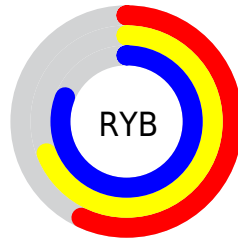
The Yxy color **54.9097, 0.2728, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7200, 0.3738, 0.3228**, and the grayscale version is **50.2000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.8699, 0.2625, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **53.1205, 0.2617, 0.3380**, and if you desaturate by 10%, it is **57.0468, 0.2852, 0.3332**.

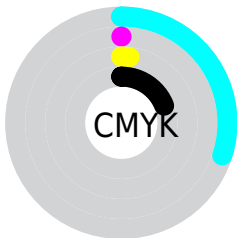
Distribution



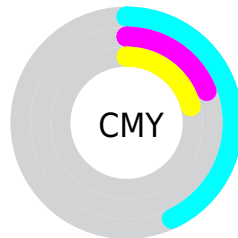
- Red (57%)
- Green (81%)
- Blue (79%)



- Red (57%)
- Yellow (69%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9097, 0.2728, 0.3355 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 54.9097, 0.2728, 0.3355 by changing the saturation by 10% instead.


 54.9097, 0.2728,
0.3355

 54.9097, 0.2728,
0.3355


405.5695, 0.2920,
0.3326

 39.3294, 0.2682,
0.3361


 97.4086, 0.2796,
0.3345

 27.0161, 0.2624,
0.3369


 125.0961, 0.2822,
0.3341

 17.5853, 0.2549,
0.3379


157.5881, 0.2845,
0.3338

 10.6527, 0.2448,
0.3391

195.2690, 0.2864,
0.3335

 5.8338, 0.2305,
0.3406

238.5232, 0.2881,
0.3332

 2.7443, 0.2087,
0.3424

287.7351, 0.2896,

 0.9997, 0.1543,

0.3330

0.3512

343.2891, 0.2909,
0.3328

0.0000, 0.0000,
0.0000

54.9097, 0.2728,
0.3355

54.9097, 0.2728,
0.3355

53.1205, 0.2617,
0.3380

57.0468, 0.2852,
0.3332

51.6539, 0.2522,
0.3406

59.5424, 0.2986,
0.3310

50.4918, 0.2444,
0.3433

62.4148, 0.3128,
0.3290

49.6115, 0.2385,
0.3461

65.6790, 0.3274,
0.3272

48.9870, 0.2345,
0.3488

69.3493, 0.3422,
0.3256

■ 48.5877, 0.2324,
0.3516

■ 70.6451, 0.3460,
0.3240

■ 48.3571, 0.2318,
0.3543

■ 70.7303, 0.3447,
0.3222

■ 48.3562, 0.2317,
0.3543

■ 70.8164, 0.3434,
0.3205

■ 70.9034, 0.3422,
0.3188

Harmonies

Analogous

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



54.9097, 0.2952, 0.3606



54.9097, 0.2728, 0.3355



54.9097, 0.2611, 0.3097

Triad

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



54.9097, 0.2728, 0.3355



54.9097, 0.3006, 0.2865



54.9097, 0.3653, 0.3652

Complementary

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



54.9097, 0.2728, 0.3355



35.7200, 0.3738, 0.3228

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.



54.9097, 0.3673, 0.3443



54.9097, 0.2728, 0.3355



54.9097, 0.3290, 0.3002

Square

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



54.9097, 0.2728, 0.3355



54.9097, 0.2765, 0.2829



54.9097, 0.3538, 0.3209



54.9097, 0.3488, 0.3775

Rectangle

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



54.9097, 0.2728, 0.3355



54.9097, 0.2605, 0.2960



54.9097, 0.3538, 0.3209



54.9097, 0.3677, 0.3589

Sweetspot

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



54.9119, 0.2728, 0.3355



95.7849, 0.2998, 0.3308



53.1732, 0.3124, 0.4149



20.3663, 0.2978, 0.3311



0.0000, 0.0000, 0.0000



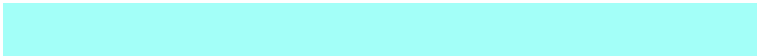
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9119, 0.2728, 0.3355



86.0773, 0.2654, 0.3371



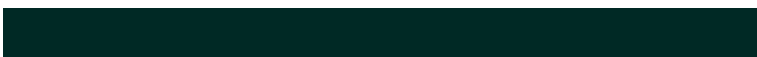
43.6422, 0.2660, 0.2938



13.3899, 0.2994, 0.3309



30.4710, 0.2316, 0.3539



1.7088, 0.2303, 0.3489

Inverse Universe

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



35.7200, 0.3738, 0.3228



50.4523, 0.3930, 0.3214



44.3746, 0.3698, 0.3616



11.8236, 0.3278, 0.3271



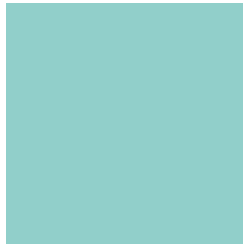
8.3886, 0.6304, 0.3246



0.4746, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 54.9097, 0.2728, 0.3355 looks on a white background.

Color Contrast Check

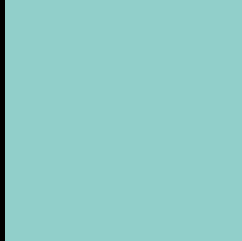
Large Text (above 18pt) WCAG AA × Fail

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 54.9097, 0.2728, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

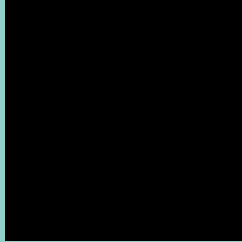
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

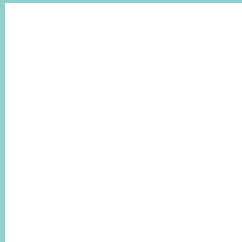
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9097, 0.2728, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 54.9097, 0.2728, 0.3355.



This preview shows how white text looks on a background with the Yxy color 54.9097, 0.2728, 0.3355.

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

54.9097, 0.2728, 0.3355

Protanopia

54.4844, 0.3159, 0.3290

Deuteranopia

54.4067, 0.3161, 0.3091



Tritanopia

54.7958, 0.2638, 0.3073

Trichromacy



Original Color

54.9097, 0.2728, 0.3355

Protanomaly

54.4618, 0.2988, 0.3315

Deuteranomaly

54.3267, 0.2985, 0.3179

Tritanomaly

54.8136, 0.2673, 0.3173

Monochromacy



Original Color

54.9097, 0.2728, 0.3355

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6511, 0.2962, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9097, 0.2728, 0.3355 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(145, 207, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.9097, 0.2728, 0.3355 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, 202) }
```

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

```
.border{ border-color:rgb(145, 207, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(145, 207,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9097, 0.2728, 0.3355 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, 202) }
```

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

```
.background{ background-color: rgb(145,  
207, 202) }
```

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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