

Converting Colors

$Yxy(54.5455, 0.2796, 0.3493)$

Have a look what the booklet for
Yxy(54.5455, 0.2796, 0.3493)
contains.

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Color

Yxy(54.5424, 0.2794, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	92CFC0
RGB	146, 207, 192
RGB Percent	57%, 81%, 75%
CMY	0.4276, 0.1882, 0.2470
CMYK	0.29, 0.00, 0.07, 0.19
HSL	165°, 39%, 69%
HSV	165°, 29%, 81%
XYZ	43.6777, 54.5424, 58.1066
YIQ	187.0510, -31.5410, -17.5970

Conversions

Conversions Part 2

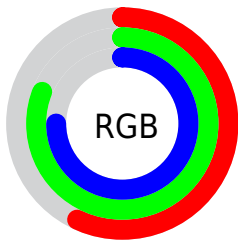
Format	Color
RYB	146, 181, 207
Decimal	9621440
CIELab	78.78, -22.68, 1.18
CIElCh	79, 22.709, 177.013
Yxy	54.5424, 0.2794, 0.3489
Android (android.graphics.Color)	4287811520 (0xFF92CFC0)
YUV	187.0510, 2.4399, -36.0017
Hunter-Lab	73.8528, -23.6748, 5.0482

Details

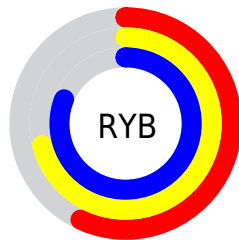
The Yxy color **54.5424, 0.2794, 0.3489** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3841, 0.3618, 0.3102**, and the grayscale version is **49.7210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7148, 0.2846, 0.3363**, and **26.6477, 0.2701, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **52.5953, 0.2698, 0.3568**, and if you desaturate by 10%, it is **56.8452, 0.2900, 0.3416**.

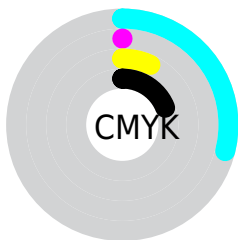
Distribution



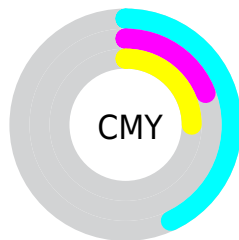
- Red (57%)
- Green (81%)
- Blue (75%)



- Red (57%)
- Yellow (71%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5424, 0.2794, 0.3489 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 54.5424, 0.2794, 0.3489 by changing the saturation by 10% instead.


 54.5424, 0.2794,
0.3489


 54.5424, 0.2794,
0.3489


404.1750, 0.2956,
0.3392

 39.0355, 0.2755,
0.3513


 96.8702, 0.2852,
0.3454

 26.7873, 0.2705,
0.3543


 124.4598, 0.2874,
0.3441

 17.4136, 0.2641,
0.3582


156.8458, 0.2893,
0.3430

 10.5298, 0.2552,
0.3636

194.4126, 0.2909,
0.3420

 5.7516, 0.2426,
0.3714

237.5445, 0.2923,
0.3412

 2.6946, 0.2229,
0.3836

286.6259, 0.2935,

 0.9745, 0.1595,

0.3404

0.4201

342.0413, 0.2946,
0.3398

0.0000, 0.0000,
0.0000

54.5424, 0.2794,
0.3489

54.5424, 0.2794,
0.3489

52.5953, 0.2698,
0.3568

56.8452, 0.2900,
0.3416

50.9786, 0.2616,
0.3652

59.5142, 0.3014,
0.3348

49.6741, 0.2550,
0.3740

62.5678, 0.3133,
0.3287

48.6592, 0.2502,
0.3830

66.0211, 0.3255,
0.3232

47.9080, 0.2474,
0.3922

69.8883, 0.3377,
0.3183

■ 47.3901, 0.2466,
0.4013

■ 71.1921, 0.3381,
0.3134

■ 47.0527, 0.2474,
0.4104

■ 71.4696, 0.3344,
0.3083

■ 47.0371, 0.2475,
0.4108

■ 71.7554, 0.3307,
0.3033

■ 72.0495, 0.3270,
0.2984

Harmonies

Analogous

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



54.5424, 0.3069, 0.3726



54.5424, 0.2794, 0.3489



54.5424, 0.2612, 0.3201

Triad

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



54.5424, 0.2794, 0.3489



54.5424, 0.2869, 0.2801



54.5424, 0.3725, 0.3584

Complementary

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



54.5424, 0.2794, 0.3489



36.3841, 0.3618, 0.3102

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.



54.5424, 0.3670, 0.3340



54.5424, 0.2794, 0.3489



54.5424, 0.3163, 0.2903

Square

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



54.5424, 0.2794, 0.3489



54.5424, 0.2654, 0.2817



54.5424, 0.3460, 0.3096



54.5424, 0.3612, 0.3768

Rectangle

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



54.5424, 0.2794, 0.3489



54.5424, 0.2563, 0.3028



54.5424, 0.3460, 0.3096



54.5424, 0.3726, 0.3506

Sweetspot

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



54.5446, 0.2794, 0.3489



95.5466, 0.3019, 0.3346



54.3049, 0.3201, 0.4115



20.3072, 0.3002, 0.3355



0.0000, 0.0000, 0.0000



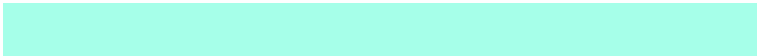
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5446, 0.2794, 0.3489



85.4882, 0.2736, 0.3535



48.2015, 0.2682, 0.3085



13.3554, 0.3015, 0.3348



29.6480, 0.2471, 0.4096



1.6699, 0.2425, 0.3929

Inverse Universe

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



36.3841, 0.3618, 0.3102



52.0579, 0.3757, 0.3062



40.9088, 0.3723, 0.3485



11.8552, 0.3252, 0.3233



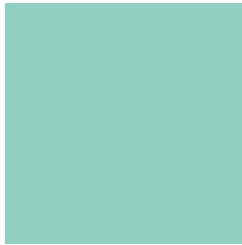
8.5201, 0.5928, 0.3039



0.4893, 0.5395, 0.2746

Previews

White Background



This preview shows how the Yxy color 54.5424, 0.2794, 0.3489 looks on a white background.

Color Contrast Check

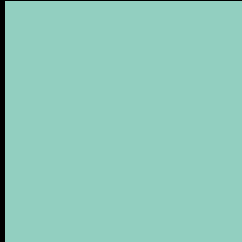
Large Text (above 18pt) WCAG AA × Fail

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 54.5424, 0.2794, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

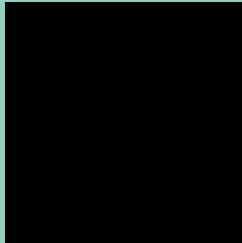
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

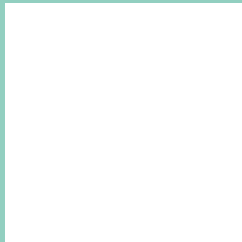
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5424, 0.2794, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 54.5424, 0.2794, 0.3489.

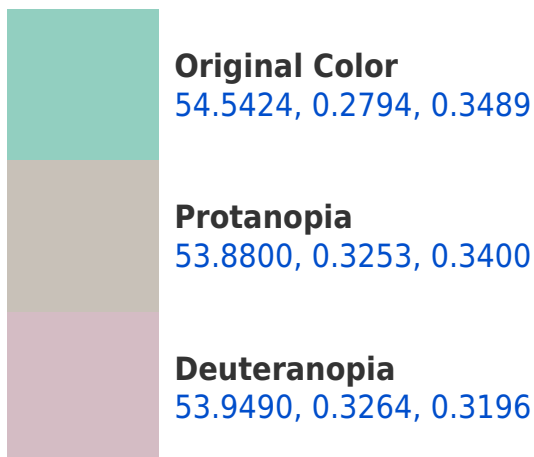


This preview shows how white text looks on a background with the Yxy color 54.5424, 0.2794, 0.3489.

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

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.5424, 0.2794, 0.3489

Protanomaly

53.6793, 0.3066, 0.3430

Deuteranomaly

53.6617, 0.3072, 0.3290

Tritanomaly

54.2732, 0.2713, 0.3224

Monochromacy



Original Color

54.5424, 0.2794, 0.3489

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0284, 0.2991, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5424, 0.2794, 0.3489 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(146, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(146, 207, 192)  
}
```

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(146, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 207, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.5424, 0.2794, 0.3489 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(146, 207, 192) }
```

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

```
.border{ border-color:rgb(146, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(146, 207,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5424, 0.2794, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 207, 192) }
```

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

```
.background{ background-color: rgb(146,  
207, 192) }
```

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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