

Converting Colors

$Yxy(54.4070, 0.2794, 0.3503)$

Have a look what the booklet for
Yxy(54.4070, 0.2794, 0.3503)
contains.

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Color

Yxy(54.4070, 0.2794, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	91CFBF
RGB	145, 207, 191
RGB Percent	57%, 81%, 75%
CMY	0.4314, 0.1882, 0.2509
CMYK	0.30, 0.00, 0.08, 0.19
HSL	165°, 39%, 69%
HSV	165°, 30%, 81%
XYZ	43.3951, 54.4070, 57.5133
YIQ	186.6380, -31.8160, -18.1200

Conversions

Conversions Part 2

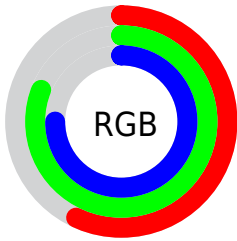
Format	Color
RYB	145, 181, 207
Decimal	9555903
CIELab	78.70, -23.17, 1.60
CIElCh	79, 23.229, 176.046
Yxy	54.4070, 0.2794, 0.3503
Android (android.graphics.Color)	4287745983 (0xFF91CFBF)
YUV	186.6380, 2.1505, -36.5165
Hunter-Lab	73.7611, -24.0668, 5.4029

Details

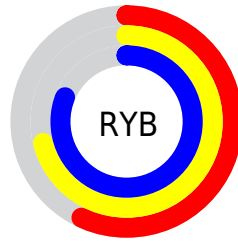
The Yxy color **54.4070, 0.2794, 0.3503** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0900, 0.3620, 0.3089**, and the grayscale version is **49.4824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5148, 0.2846, 0.3373**, and **26.5668, 0.2701, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **52.4661, 0.2700, 0.3587**, and if you desaturate by 10%, it is **56.7035, 0.2899, 0.3425**.

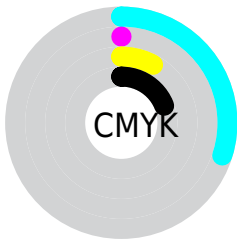
Distribution



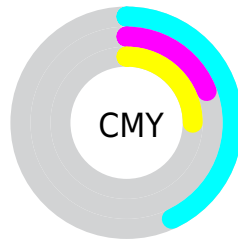
- Red (57%)
- Green (81%)
- Blue (75%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4070, 0.2794, 0.3503 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 54.4070, 0.2794, 0.3503 by changing the saturation by 10% instead.


 54.4070, 0.2794,
0.3503


 54.4070, 0.2794,
0.3503


403.6601, 0.2956,
0.3399

 38.9271, 0.2755,
0.3528


 96.6716, 0.2852,
0.3466

 26.7031, 0.2705,
0.3561


 124.2251, 0.2874,
0.3451

 17.3503, 0.2640,
0.3603


156.5719, 0.2893,
0.3439

 10.4846, 0.2551,
0.3661

194.0965, 0.2909,
0.3429

 5.7214, 0.2424,
0.3746

237.1832, 0.2923,
0.3420

 2.6764, 0.2226,
0.3880

286.2165, 0.2936,

 0.9652, 0.1553,

0.3412

0.4287

341.5807, 0.2947,
0.3405

0.0000, 0.0000,
0.0000

54.4070, 0.2794,
0.3503

54.4070, 0.2794,
0.3503

52.4661, 0.2700,
0.3587

56.7035, 0.2899,
0.3425

50.8555, 0.2620,
0.3675

59.3662, 0.3011,
0.3354

49.5568, 0.2556,
0.3768

62.4136, 0.3128,
0.3290

48.5473, 0.2510,
0.3863

65.8607, 0.3247,
0.3232

47.8010, 0.2484,
0.3960

69.7220, 0.3367,
0.3180

■ 47.2872, 0.2477,
0.4057

■ 71.2169, 0.3377,
0.3129

■ 46.9492, 0.2487,
0.4152

■ 71.5094, 0.3338,
0.3076

■ 46.9477, 0.2487,
0.4153

■ 71.8111, 0.3299,
0.3023

■ 72.1221, 0.3261,
0.2971

Harmonies

Analogous

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



54.4070, 0.3077, 0.3743



54.4070, 0.2794, 0.3503



54.4070, 0.2604, 0.3207

Triad

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



54.4070, 0.2794, 0.3503



54.4070, 0.2855, 0.2789



54.4070, 0.3741, 0.3583

Complementary

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



54.4070, 0.2794, 0.3503



36.0900, 0.3620, 0.3089

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.



54.4070, 0.3678, 0.3332



54.4070, 0.2794, 0.3503



54.4070, 0.3154, 0.2889

Square

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



54.4070, 0.2794, 0.3503



54.4070, 0.2638, 0.2808



54.4070, 0.3459, 0.3084



54.4070, 0.3630, 0.3774

Rectangle

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



54.4070, 0.2794, 0.3503



54.4070, 0.2551, 0.3029



54.4070, 0.3459, 0.3084



54.4070, 0.3739, 0.3503

Sweetspot

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



54.4092, 0.2794, 0.3503



95.5289, 0.3020, 0.3349



54.3042, 0.3210, 0.4127



20.3028, 0.3003, 0.3359



0.0000, 0.0000, 0.0000



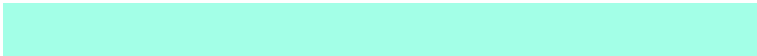
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4092, 0.2794, 0.3503



85.1159, 0.2732, 0.3557



48.4601, 0.2677, 0.3096



13.3528, 0.3017, 0.3351



29.5944, 0.2483, 0.4139



1.6673, 0.2434, 0.3964

Inverse Universe

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



36.0900, 0.3620, 0.3089



51.1077, 0.3772, 0.3044



40.2680, 0.3739, 0.3475



11.8576, 0.3251, 0.3230



8.5351, 0.5889, 0.3018



0.4904, 0.5355, 0.2723

Previews

White Background



This preview shows how the Yxy color 54.4070, 0.2794, 0.3503 looks on a white background.

Color Contrast Check

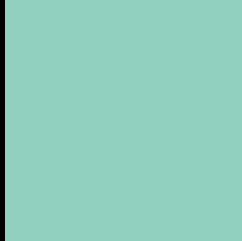
Large Text (above 18pt) WCAG AA × Fail

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 54.4070, 0.2794, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

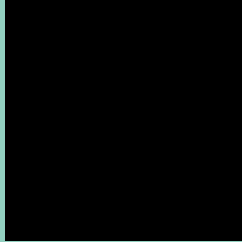
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

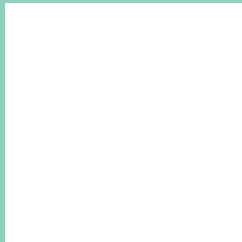
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4070, 0.2794, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 54.4070, 0.2794, 0.3503.



This preview shows how white text looks on a background with the Yxy color 54.4070, 0.2794, 0.3503.

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

54.4070, 0.2794, 0.3503

Protanopia

53.8382, 0.3261, 0.3413

Deuteranopia

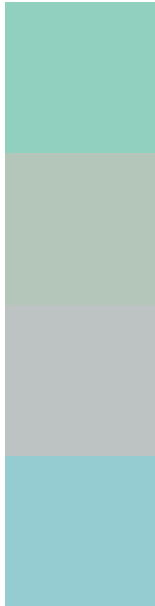
53.9036, 0.3272, 0.3208



Tritanopia

54.4057, 0.2660, 0.3085

Trichromacy



Original Color

54.4070, 0.2794, 0.3503

Protanomaly

53.6366, 0.3073, 0.3443

Deuteranomaly

53.6166, 0.3079, 0.3302

Tritanomaly

54.1787, 0.2707, 0.3224

Monochromacy



Original Color

54.4070, 0.2794, 0.3503

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.9851, 0.2998, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4070, 0.2794, 0.3503 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(145, 207, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 207, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.4070, 0.2794, 0.3503 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, 191) }
```

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

```
.border{ border-color:rgb(145, 207, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(145, 207,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4070, 0.2794, 0.3503 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, 191) }
```

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

```
.background{ background-color: rgb(145,  
207, 191) }
```

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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