

Converting Colors

$Yxy(54.1336, 0.2964, 0.3510)$

Have a look what the booklet for
Yxy(54.1336, 0.2964, 0.3510)
contains.

Yxy(54.2564, 0.2960, 0.3512)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2564, 0.2960, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	A5CBBA
RGB	165, 203, 186
RGB Percent	65%, 80%, 73%
CMY	0.3531, 0.2039, 0.2707
CMYK	0.19, 0.00, 0.08, 0.20
HSL	153°, 27%, 72%
HSV	153°, 19%, 80%
XYZ	45.7286, 54.2564, 54.5036
YIQ	189.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

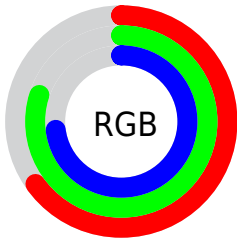
Format	Color
R _{YB}	165, 189, 203
Decimal	10865594
CIE Lab	78.61, -16.02, 4.32
CIE LCh	79, 16.589, 164.898
Yxy	54.2564, 0.2960, 0.3512
Android (android.graphics.Color)	4289055674 (0xFFA5CBBA)
YUV	189.7000, -1.8241, -21.6619
Hunter-Lab	73.6589, -18.0875, 7.6899

Details

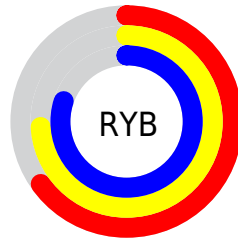
The Yxy color **54.2564, 0.2960, 0.3512** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9746, 0.3333, 0.3078**, and the grayscale version is **51.3261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1464, 0.2987, 0.3423**, and **26.6991, 0.2918, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **51.8779, 0.2877, 0.3649**, and if you desaturate by 10%, it is **57.0096, 0.3048, 0.3388**.

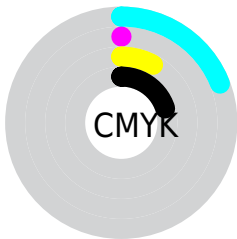
Distribution



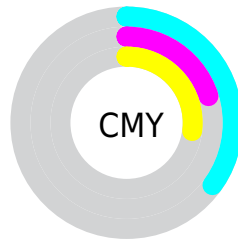
- Red (65%)
- Green (80%)
- Blue (73%)



- Red (65%)
- Yellow (74%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)




- Cyan (35%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2564, 0.2960, 0.3512 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 54.2564, 0.2960, 0.3512 by changing the saturation by 10% instead.


 54.2564, 0.2960,
0.3512


 54.2564, 0.2960,
0.3512


403.0870, 0.3042,
0.3402

 38.8067, 0.2940,
0.3539


 96.4506, 0.2990,
0.3472

 26.6094, 0.2914,
0.3574


 123.9639, 0.3001,
0.3457

 17.2801, 0.2880,
0.3620


156.2672, 0.3010,
0.3445

 10.4344, 0.2834,
0.3683

193.7448, 0.3019,
0.3434

 5.6879, 0.2766,
0.3777

236.7812, 0.3026,
0.3424

 2.6562, 0.2656,
0.3929

285.7608, 0.3032,

 0.9550, 0.2335,

0.3416

0.4329

341.0679, 0.3037,
0.3409

0.0000, 0.0000,
0.0000

54.2564, 0.2960,
0.3512

54.2564, 0.2960,
0.3512

51.8779, 0.2877,
0.3649

57.0096, 0.3048,
0.3388

49.8505, 0.2802,
0.3798

60.1462, 0.3139,
0.3277

48.1585, 0.2737,
0.3958

63.6834, 0.3230,
0.3178

46.7821, 0.2688,
0.4127

67.6349, 0.3320,
0.3090

45.6996, 0.2655,
0.4301

69.7725, 0.3320,
0.3005

■ 44.8862, 0.2642,
0.4477

■ 70.3009, 0.3253,
0.2917

■ 44.3128, 0.2649,
0.4650

■ 70.8563, 0.3189,
0.2831

■ 43.9331, 0.2674,
0.4817

■ 71.1986, 0.3151,
0.2782

■ 43.8909, 0.2677,
0.4837

Harmonies

Analogous

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



54.2564, 0.3177, 0.3648



54.2564, 0.2960, 0.3512



54.2564, 0.2791, 0.3312

Triad

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



54.2564, 0.2960, 0.3512



54.2564, 0.2865, 0.2921



54.2564, 0.3562, 0.3441

Complementary

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



54.2564, 0.2960, 0.3512



42.9746, 0.3333, 0.3078

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.



54.2564, 0.3473, 0.3255



54.2564, 0.2960, 0.3512



54.2564, 0.3065, 0.2962

Square

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



54.2564, 0.2960, 0.3512



54.2564, 0.2738, 0.2974



54.2564, 0.3288, 0.3082



54.2564, 0.3529, 0.3598

Rectangle

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



54.2564, 0.2960, 0.3512



54.2564, 0.2727, 0.3176



54.2564, 0.3288, 0.3082



54.2564, 0.3545, 0.3380

Sweetspot

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



54.2587, 0.2960, 0.3512



96.7794, 0.3072, 0.3357



55.3899, 0.3237, 0.3778



20.6429, 0.3066, 0.3365



0.0000, 0.0000, 0.0000



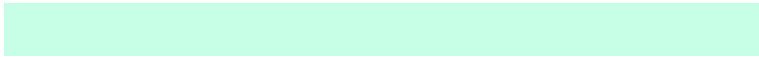
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2587, 0.2960, 0.3512



89.3549, 0.2930, 0.3559



54.1338, 0.2847, 0.3265



12.6389, 0.3042, 0.3396



27.9462, 0.2671, 0.4815



1.4569, 0.2580, 0.4487

Inverse Universe

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



42.9746, 0.3333, 0.3078



67.4438, 0.3381, 0.3036



43.0037, 0.3486, 0.3315



11.2958, 0.3221, 0.3187



8.5774, 0.5161, 0.2617



0.4577, 0.4684, 0.2354

Previews

White Background



This preview shows how the Yxy color 54.2564, 0.2960, 0.3512 looks on a white background.

Color Contrast Check

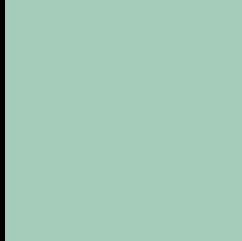
Large Text (above 18pt) WCAG AA × Fail

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 54.2564, 0.2960, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

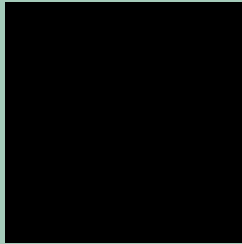
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

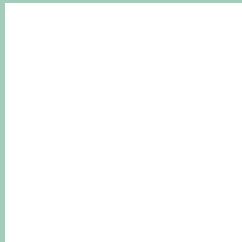
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2564, 0.2960, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 54.2564, 0.2960, 0.3512.

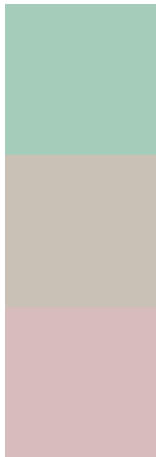


This preview shows how white text looks on a background with the Yxy color 54.2564, 0.2960, 0.3512.

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

54.2564, 0.2960, 0.3512

Protanopia

53.8936, 0.3284, 0.3437

Deuteranopia

54.0876, 0.3346, 0.3279



Tritanopia

54.2992, 0.2803, 0.3090

Trichromacy



Original Color

54.2564, 0.2960, 0.3512

Protanomaly

54.0428, 0.3159, 0.3466

Deuteranomaly

53.6411, 0.3197, 0.3352

Tritanomaly

53.9930, 0.2861, 0.3238

Monochromacy



Original Color

54.2564, 0.2960, 0.3512

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5281, 0.3060, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2564, 0.2960, 0.3512 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(165, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 203, 186)  
}
```

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(165, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 203, 186) }
```

Border

The CSS property to change the border of an element to Yxy 54.2564, 0.2960, 0.3512 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(165, 203, 186) }
```

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

```
.border{ border-color:rgb(165, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 203, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 203, 186); box-shadow:4px 4px 4px 4px rgb(165, 203, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2564, 0.2960, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 203, 186) }
```

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

```
.background{ background-color: rgb(165,  
203, 186) }
```

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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