

Converting Colors

$Yxy(54.1217, 0.2902, 0.3341)$

Have a look what the booklet for
Yxy(54.1217, 0.2902, 0.3341)
contains.

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Color

Yxy(54.0200, 0.2901, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	A7C9C5
RGB	167, 201, 197
RGB Percent	65%, 79%, 77%
CMY	0.3449, 0.2118, 0.2275
CMYK	0.17, 0.00, 0.02, 0.21
HSL	173°, 24%, 72%
HSV	173°, 17%, 79%
XYZ	46.9057, 54.0200, 60.7624
YIQ	190.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

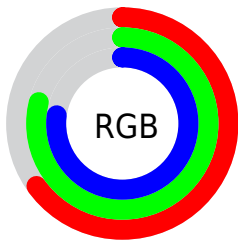
Format	Color
R _Y B	167, 185, 201
Decimal	10996165
CIE Lab	78.47, -12.09, -1.77
CIE LCh	78, 12.219, 188.352
Yxy	54.0200, 0.2901, 0.3341
Android (android.graphics.Color)	4289186245 (0xFFA7C9C5)
YUV	190.3780, 3.2646, -20.5025
Hunter-Lab	73.4983, -14.7055, 2.4327

Details

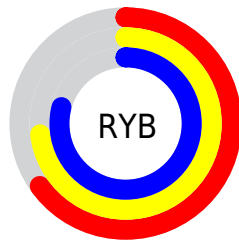
The Yxy color **54.0200, 0.2901, 0.3341** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0145, 0.3410, 0.3240**, and the grayscale version is **51.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3637, 0.2940, 0.3300**, and **26.4280, 0.2839, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **51.8915, 0.2778, 0.3375**, and if you desaturate by 10%, it is **56.4949, 0.3033, 0.3310**.

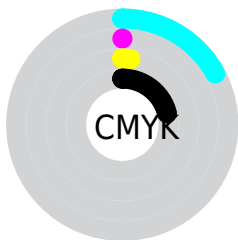
Distribution



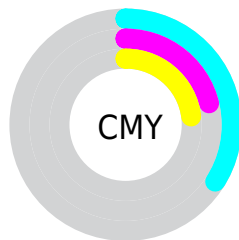
- Red (65%)
- Green (79%)
- Blue (77%)



- Red (65%)
- Yellow (73%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)




- Cyan (34%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0200, 0.2901, 0.3341 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 54.0200, 0.2901, 0.3341 by changing the saturation by 10% instead.


 54.0200, 0.2901,
0.3341

 54.0200, 0.2901,
0.3341


402.1863, 0.3011,
0.3317

 38.6177, 0.2874,
0.3347


 96.1036, 0.2940,
0.3332

 26.4624, 0.2841,
0.3354


 123.5537, 0.2955,
0.3329

 17.1699, 0.2797,
0.3363


155.7884, 0.2968,
0.3326

 10.3557, 0.2738,
0.3375

193.1922, 0.2979,
0.3324

 5.6354, 0.2652,
0.3392

236.1495, 0.2988,
0.3322

 2.6247, 0.2518,
0.3417

285.0447, 0.2997,

 0.9391, 0.2215,

0.3320

0.3488

340.2622, 0.3004,
0.3318

0.0000, 0.0000,
0.0000

54.0200, 0.2901,
0.3341

54.0200, 0.2901,
0.3341

51.8915, 0.2778,
0.3375

56.4949, 0.3033,
0.3310

50.0872, 0.2666,
0.3411

59.3242, 0.3170,
0.3281

48.5922, 0.2569,
0.3449

62.5240, 0.3311,
0.3256

47.3882, 0.2489,
0.3489

66.1072, 0.3453,
0.3233

46.4548, 0.2426,
0.3530

67.6290, 0.3495,
0.3210

■ 45.7690, 0.2383,
0.3571

■ 67.7477, 0.3476,
0.3186

■ 45.3038, 0.2359,
0.3612

■ 67.8682, 0.3458,
0.3162

■ 45.0235, 0.2352,
0.3653

■ 67.9904, 0.3439,
0.3138

■ 44.9535, 0.2352,
0.3665

■ 68.1145, 0.3421,
0.3114

Harmonies

Analogous

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



54.0200, 0.3038, 0.3479



54.0200, 0.2901, 0.3341



54.0200, 0.2825, 0.3192

Triad

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



54.0200, 0.2901, 0.3341



54.0200, 0.3047, 0.3033



54.0200, 0.3436, 0.3498

Complementary

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



54.0200, 0.2901, 0.3341



43.0145, 0.3410, 0.3240

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.



54.0200, 0.3440, 0.3375



54.0200, 0.2901, 0.3341



54.0200, 0.3212, 0.3111

Square

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



54.0200, 0.2901, 0.3341



54.0200, 0.2907, 0.3019



54.0200, 0.3357, 0.3235



54.0200, 0.3348, 0.3569

Rectangle

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



54.0200, 0.2901, 0.3341



54.0200, 0.2817, 0.3108



54.0200, 0.3357, 0.3235



54.0200, 0.3447, 0.3461

Sweetspot

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



54.0222, 0.2901, 0.3341



97.5646, 0.3057, 0.3304



53.2858, 0.3141, 0.3737



20.8123, 0.3048, 0.3307



0.0000, 0.0000, 0.0000



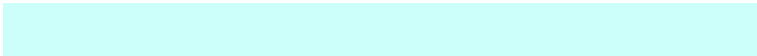
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0222, 0.2901, 0.3341



91.1944, 0.2858, 0.3352



48.6386, 0.2867, 0.3127



12.0451, 0.2999, 0.3317



28.2751, 0.2350, 0.3659



1.3451, 0.2326, 0.3574

Inverse Universe

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



43.0145, 0.3410, 0.3240



69.1009, 0.3480, 0.3229



47.6477, 0.3421, 0.3447



10.6570, 0.3271, 0.3263



7.8558, 0.6240, 0.3211



0.3790, 0.5807, 0.2973

Previews

White Background



This preview shows how the Yxy color 54.0200, 0.2901, 0.3341 looks on a white background.

Color Contrast Check

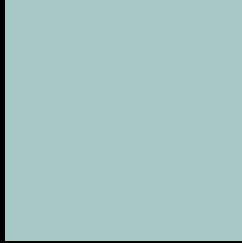
Large Text (above 18pt) WCAG AA × Fail

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 54.0200, 0.2901, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

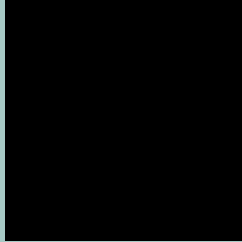
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

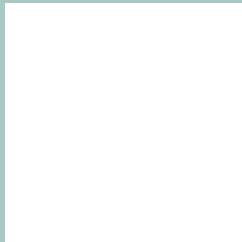
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0200, 0.2901, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 54.0200, 0.2901, 0.3341.

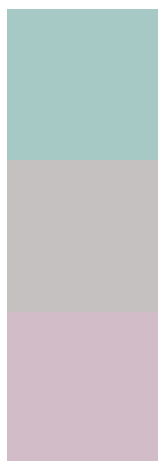


This preview shows how white text looks on a background with the Yxy color 54.0200, 0.2901, 0.3341.

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

54.0200, 0.2901, 0.3341

Protanopia

53.8160, 0.3167, 0.3302

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

53.7893, 0.2809, 0.3089

Trichromacy



Original Color

54.0200, 0.2901, 0.3341

Protanomaly

53.8140, 0.3063, 0.3315

Deuteranomaly

53.7328, 0.3091, 0.3217

Tritanomaly

53.8359, 0.2841, 0.3176

Monochromacy



Original Color

54.0200, 0.2901, 0.3341

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3789, 0.3039, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0200, 0.2901, 0.3341 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(167, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 201, 197)  
}
```

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(167, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 201, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.0200, 0.2901, 0.3341 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(167, 201, 197) }
```

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

```
.border{ border-color:rgb(167, 201, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 201,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0200, 0.2901, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 201, 197) }
```

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

```
.background{ background-color: rgb(167,  
201, 197) }
```

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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