

Converting Colors

Yxy(51.6588, 0.2951, 0.3395)

Have a look what the booklet for
Yxy(51.6588, 0.2951, 0.3395)
contains.

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Color

Yxy(51.7136, 0.2946, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	A6C5BD
RGB	166, 197, 189
RGB Percent	65%, 77%, 74%
CMY	0.3488, 0.2275, 0.2588
CMYK	0.16, 0.00, 0.04, 0.23
HSL	165°, 21%, 71%
HSV	165°, 16%, 77%
XYZ	44.8875, 51.7136, 55.7666
YIQ	186.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

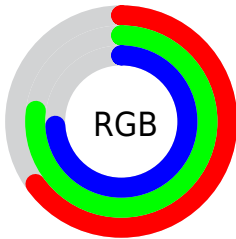
Format	Color
R _Y B	166, 184, 197
Decimal	10929597
CIE Lab	77.11, -11.96, 0.52
CIE LCh	77, 11.971, 177.532
Yxy	51.7136, 0.2946, 0.3394
Android (android.graphics.Color)	4289119677 (0xFFA6C5BD)
YUV	186.8190, 1.0752, -18.2583
Hunter-Lab	71.9122, -14.4267, 4.3602

Details

The Yxy color **51.7136, 0.2946, 0.3394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2206, 0.3347, 0.3189**, and the grayscale version is **49.5943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8483, 0.2977, 0.3381**, and **24.9999, 0.2897, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **49.5296, 0.2838, 0.3469**, and if you desaturate by 10%, it is **54.2358, 0.3060, 0.3326**.

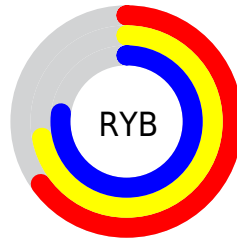
Distribution



Red (65%)

Green (77%)

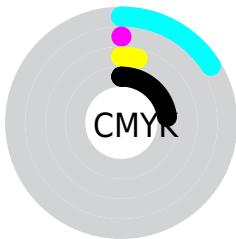
Blue (74%)



Red (65%)

Yellow (72%)

Blue (77%)

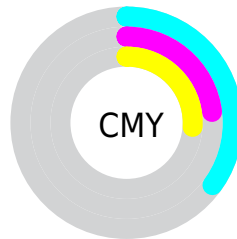


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (35%)


Magenta (23%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7136, 0.2946, 0.3394 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 51.7136, 0.2946, 0.3394 by changing the saturation by 10% instead.


 51.7136, 0.2946,
0.3394


 51.7136, 0.2946,
0.3394


393.3299, 0.3035,
0.3343

 36.7768, 0.2924,
0.3407


 92.7087, 0.2978,
0.3376

 25.0348, 0.2896,
0.3423


 119.5359, 0.2990,
0.3369

 16.1030, 0.2860,
0.3444


151.0953, 0.3000,
0.3363

 9.5970, 0.2810,
0.3473

187.7713, 0.3009,
0.3358

 5.1326, 0.2737,
0.3515

229.9484, 0.3017,
0.3353

 2.3253, 0.2619,
0.3583

278.0110, 0.3024,

 0.7870, 0.2210,

0.3349

0.3813

332.3434, 0.3030,
0.3346

0.0000, 0.0000,
0.0000

51.7136, 0.2946,
0.3394

51.7136, 0.2946,
0.3394

49.5296, 0.2838,
0.3469

54.2358, 0.3060,
0.3326

47.6624, 0.2740,
0.3549

57.1035, 0.3178,
0.3264

46.0982, 0.2653,
0.3636

60.3322, 0.3298,
0.3209

44.8196, 0.2582,
0.3727

63.9341, 0.3417,
0.3161

43.8073, 0.2528,
0.3821

66.0638, 0.3458,
0.3113

■ 43.0397, 0.2493,
0.3917

■ 66.3281, 0.3418,
0.3062

■ 42.4917, 0.2478,
0.4013

■ 66.6006, 0.3379,
0.3011

■ 42.1322, 0.2481,
0.4109

■ 66.8813, 0.3340,
0.2961

■ 42.0088, 0.2486,
0.4150

■ 67.1704, 0.3302,
0.2912

Harmonies

Analogous

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



51.7136, 0.3096, 0.3517



51.7136, 0.2946, 0.3394



51.7136, 0.2845, 0.3244

Triad

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



51.7136, 0.2946, 0.3394



51.7136, 0.2992, 0.3021



51.7136, 0.3446, 0.3457

Complementary

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



51.7136, 0.2946, 0.3394



42.2206, 0.3347, 0.3189

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.



51.7136, 0.3417, 0.3324



51.7136, 0.2946, 0.3394



51.7136, 0.3152, 0.3078

Square

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



51.7136, 0.2946, 0.3394



51.7136, 0.2871, 0.3033



51.7136, 0.3309, 0.3187



51.7136, 0.3387, 0.3550

Rectangle

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



51.7136, 0.2946, 0.3394



51.7136, 0.2818, 0.3152



51.7136, 0.3309, 0.3187



51.7136, 0.3446, 0.3415

Sweetspot

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



51.7158, 0.2946, 0.3394



97.4515, 0.3067, 0.3322



51.7170, 0.3173, 0.3698



20.7848, 0.3059, 0.3326



0.0000, 0.0000, 0.0000



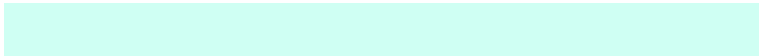
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7158, 0.2946, 0.3394



91.1619, 0.2906, 0.3420



48.8726, 0.2888, 0.3195



12.0190, 0.3018, 0.3350



27.6487, 0.2483, 0.4137



1.3205, 0.2427, 0.3938

Inverse Universe

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



42.2206, 0.3347, 0.3189



70.7847, 0.3408, 0.3164



44.6177, 0.3405, 0.3383



10.6811, 0.3250, 0.3231



7.9755, 0.5883, 0.3014



0.3899, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 51.7136, 0.2946, 0.3394 looks on a white background.

Color Contrast Check

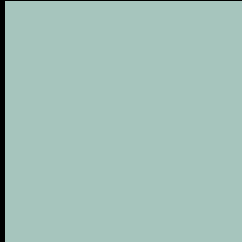
Large Text (above 18pt) WCAG AA × Fail

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 51.7136, 0.2946, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

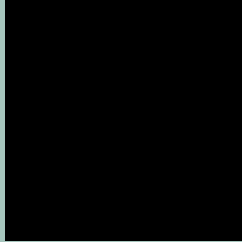
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

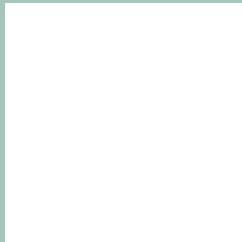
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7136, 0.2946, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 51.7136, 0.2946, 0.3394.



This preview shows how white text looks on a background with the Yxy color 51.7136, 0.2946, 0.3394.

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

51.7136, 0.2946, 0.3394

Protanopia

51.5001, 0.3208, 0.3340

Deuteranopia

51.3521, 0.3259, 0.3194



Tritanopia

51.7331, 0.2838, 0.3099

Trichromacy



Original Color

51.7136, 0.2946, 0.3394

Protanomaly

51.4348, 0.3107, 0.3366

Deuteranomaly

51.3632, 0.3137, 0.3265

Tritanomaly

51.7295, 0.2878, 0.3200

Monochromacy



Original Color

51.7136, 0.2946, 0.3394

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4761, 0.3053, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7136, 0.2946, 0.3394 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(166, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(166, 197, 189)  
}
```

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(166, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 197, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.7136, 0.2946, 0.3394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

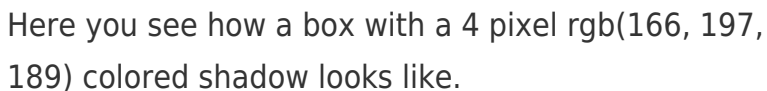
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 197, 189) }
```

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

```
.border{ border-color:rgb(166, 197, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 197, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 197, 189); box-shadow:4px 4px 4px 4px rgb(166, 197, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7136, 0.2946, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 197, 189) }
```

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

```
.background{ background-color: rgb(166,  
197, 189) }
```

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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