

Converting Colors

Yxy(54.6315, 0.2966, 0.3458)

Have a look what the booklet for
Yxy(54.6315, 0.2966, 0.3458)
contains.

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Color

Yxy(54.8210, 0.2969, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	A9CBBD
RGB	169, 203, 189
RGB Percent	66%, 80%, 74%
CMY	0.3372, 0.2039, 0.2588
CMYK	0.17, 0.00, 0.07, 0.20
HSL	155°, 25%, 73%
HSV	155°, 17%, 80%
XYZ	46.9059, 54.8210, 56.2587
YIQ	191.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

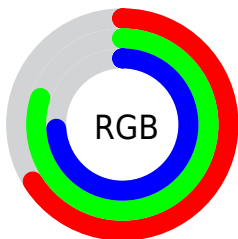
Format	Color
RYB	169, 190, 203
Decimal	11127741
CIELab	78.94, -14.09, 3.20
CIELCh	79, 14.451, 167.209
Yxy	54.8210, 0.2969, 0.3470
Android (android.graphics.Color)	4289317821 (0xFFA9CBBB)
YUV	191.2380, -1.1033, -19.5027
Hunter-Lab	74.0412, -16.4904, 6.7786

Details

The Yxy color **54.8210, 0.2969, 0.3470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4962, 0.3318, 0.3117**, and the grayscale version is **52.2616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1201, 0.3001, 0.3391**, and **26.9855, 0.2920, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **52.3969, 0.2880, 0.3593**, and if you desaturate by 10%, it is **57.6192, 0.3063, 0.3359**.

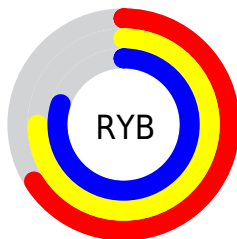
Distribution



Red (66%)

Green (80%)

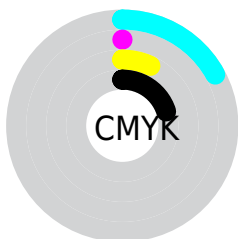
Blue (74%)



Red (66%)

Yellow (75%)

Blue (80%)

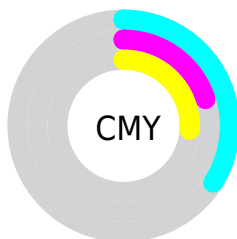


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (34%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8210, 0.2969, 0.3470 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 54.8210, 0.2969, 0.3470 by changing the saturation by 10% instead.

 54.8210, 0.2969,
0.3470


 54.8210, 0.2969,
0.3470


405.2330, 0.3046,
0.3381

 39.2584, 0.2950,
0.3492


 97.2786, 0.2997,
0.3438

 26.9608, 0.2926,
0.3519


 124.9425, 0.3007,
0.3426

 17.5438, 0.2895,
0.3556


157.4089, 0.3016,
0.3416

 10.6230, 0.2851,
0.3606

195.0623, 0.3024,
0.3407

 5.8139, 0.2789,
0.3680

238.2870, 0.3031,
0.3399

 2.7323, 0.2689,
0.3799

287.4674, 0.3037,

 0.9936, 0.2441,

0.3393

0.4066

342.9880, 0.3042,
0.3387

0.0000, 0.0000,
0.0000

54.8210, 0.2969,
0.3470

54.8210, 0.2969,
0.3470

52.3969, 0.2880,
0.3593

57.6192, 0.3063,
0.3359

50.3236, 0.2799,
0.3727

60.7999, 0.3159,
0.3259

48.5858, 0.2729,
0.3871

64.3799, 0.3255,
0.3170

47.1642, 0.2673,
0.4024

68.3729, 0.3350,
0.3091

46.0377, 0.2633,
0.4182

69.7300, 0.3325,
0.3011

■ 45.1822, 0.2613,
0.4343

■ 70.2129, 0.3263,
0.2930

■ 44.5698, 0.2614,
0.4503

■ 70.7187, 0.3204,
0.2851

■ 44.1642, 0.2633,
0.4659

■ 71.1923, 0.3151,
0.2782

■ 44.0549, 0.2641,
0.4709

Harmonies

Analogous

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



54.8210, 0.3157, 0.3593



54.8210, 0.2969, 0.3470



54.8210, 0.2826, 0.3296

Triad

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



54.8210, 0.2969, 0.3470



54.8210, 0.2911, 0.2968



54.8210, 0.3506, 0.3435

Complementary

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



54.8210, 0.2969, 0.3470



44.4962, 0.3318, 0.3117

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.



54.8210, 0.3436, 0.3273



54.8210, 0.2969, 0.3470



54.8210, 0.3088, 0.3009

Square

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



54.8210, 0.2969, 0.3470



54.8210, 0.2793, 0.3009



54.8210, 0.3282, 0.3119



54.8210, 0.3470, 0.3566

Rectangle

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



54.8210, 0.2969, 0.3470



54.8210, 0.2774, 0.3179



54.8210, 0.3282, 0.3119



54.8210, 0.3494, 0.3382

Sweetspot

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



54.8233, 0.2969, 0.3470



97.3281, 0.3079, 0.3341



55.6660, 0.3216, 0.3723



20.7547, 0.3072, 0.3349



0.0000, 0.0000, 0.0000



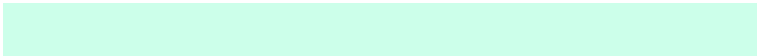
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8233, 0.2969, 0.3470



90.2983, 0.2937, 0.3512



54.1349, 0.2875, 0.3253



12.6459, 0.3037, 0.3387



28.0545, 0.2635, 0.4688



1.4622, 0.2551, 0.4384

Inverse Universe

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



44.4962, 0.3318, 0.3117



69.8816, 0.3367, 0.3079



45.0076, 0.3438, 0.3327



11.2890, 0.3227, 0.3195



8.5001, 0.5311, 0.2699



0.4535, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 54.8210, 0.2969, 0.3470 looks on a white background.

Color Contrast Check

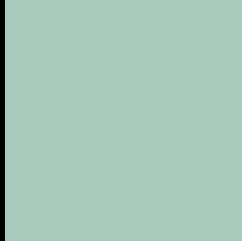
Large Text (above 18pt) WCAG AA × Fail

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 54.8210, 0.2969, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

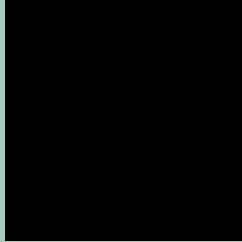
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

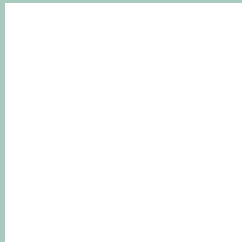
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8210, 0.2969, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 54.8210, 0.2969, 0.3470.



This preview shows how white text looks on a background with the Yxy color 54.8210, 0.2969, 0.3470.

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

54.8210, 0.2969, 0.3470

Protanopia

54.4618, 0.3260, 0.3412

Deuteranopia

54.6480, 0.3320, 0.3255



Tritanopia

54.7518, 0.2831, 0.3091

Trichromacy



Original Color

54.8210, 0.2969, 0.3470

Protanomaly

54.2965, 0.3144, 0.3427

Deuteranomaly

54.3509, 0.3182, 0.3327

Tritanomaly

54.5354, 0.2876, 0.3214

Monochromacy



Original Color

54.8210, 0.2969, 0.3470

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8152, 0.3069, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8210, 0.2969, 0.3470 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(169, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 203, 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(169, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 203, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.8210, 0.2969, 0.3470 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(169, 203, 189) }
```

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

```
.border{ border-color:rgb(169, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 203, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 203, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 203,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8210, 0.2969, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 203, 189) }
```

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

```
.background{ background-color: rgb(169,  
203, 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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