

Converting Colors

$Y_{xy}(52.5089, 0.2970, 0.3354)$

Have a look what the booklet for
Yxy(52.5089, 0.2970, 0.3354)
contains.

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Color

Yxy(52.5089, 0.2970, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	ACC5C0
RGB	172, 197, 192
RGB Percent	67%, 77%, 75%
CMY	0.3254, 0.2275, 0.2471
CMYK	0.13, 0.00, 0.03, 0.23
HSL	168°, 18%, 72%
HSV	168°, 13%, 77%
XYZ	46.4971, 52.5089, 57.5500
YIQ	188.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

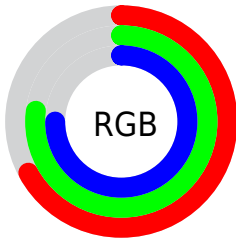
Format	Color
R _Y B	172, 186, 197
Decimal	11322816
CIE Lab	77.58, -9.41, -0.35
CIE LCh	78, 9.414, 182.153
Yxy	52.5089, 0.2970, 0.3354
Android (android.graphics.Color)	4289512896 (0xFFACC5C0)
YUV	188.9550, 1.5012, -14.8695
Hunter-Lab	72.4630, -12.2727, 3.6361

Details

The Yxy color **52.5089, 0.2970, 0.3354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5602, 0.3311, 0.3227**, and the grayscale version is **50.8619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1549, 0.3002, 0.3350**, and **25.4309, 0.2918, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **50.2718, 0.2853, 0.3410**, and if you desaturate by 10%, it is **55.0855, 0.3093, 0.3303**.

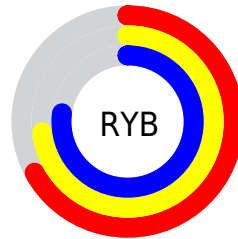
Distribution



Red (67%)

Green (77%)

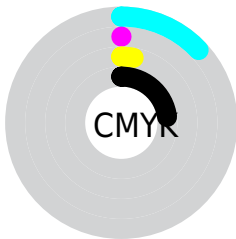
Blue (75%)



Red (67%)

Yellow (73%)

Blue (77%)

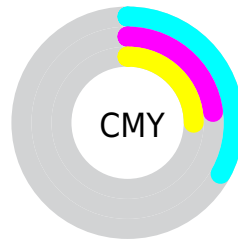


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (33%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5089, 0.2970, 0.3354 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 52.5089, 0.2970, 0.3354 by changing the saturation by 10% instead.

■ 52.5089, 0.2970,
0.3354

■ 52.5089, 0.2970,
0.3354

396.3981, 0.3047,
0.3323

■ 37.4109, 0.2951,
0.3362

■ 93.8813, 0.2998,
0.3343

■ 25.5258, 0.2927,
0.3371

120.9245, 0.3008,
0.3339

■ 16.4692, 0.2896,
0.3384

152.7182, 0.3017,
0.3335

■ 9.8568, 0.2853,
0.3401

189.6468, 0.3025,
0.3332

■ 5.3041, 0.2791,
0.3426

232.0947, 0.3031,
0.3329

■ 2.4268, 0.2692,
0.3465

280.4463, 0.3037,

■ 0.8396, 0.2422,

0.3327

0.3578

335.0860, 0.3042,
0.3325

0.0000, 0.0000,
0.0000

52.5089, 0.2970,
0.3354

52.5089, 0.2970,
0.3354

50.2718, 0.2853,
0.3410

55.0855, 0.3093,
0.3303

48.3531, 0.2745,
0.3471

58.0087, 0.3220,
0.3257

46.7394, 0.2649,
0.3536

61.2936, 0.3349,
0.3215

45.4138, 0.2568,
0.3604

64.9522, 0.3477,
0.3179

44.3577, 0.2504,
0.3675

65.9320, 0.3479,
0.3140

■ 43.5503, 0.2459,
0.3747

■ 66.1333, 0.3448,
0.3100

■ 42.9678, 0.2433,
0.3820

■ 66.3396, 0.3417,
0.3060

■ 42.5816, 0.2426,
0.3893

■ 66.5508, 0.3387,
0.3021

■ 42.3844, 0.2429,
0.3946

■ 66.7669, 0.3356,
0.2982

Harmonies

Analogous

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



52.5089, 0.3084, 0.3454



52.5089, 0.2970, 0.3354



52.5089, 0.2898, 0.3238

Triad

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



52.5089, 0.2970, 0.3354



52.5089, 0.3040, 0.3082



52.5089, 0.3373, 0.3436

Complementary

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



52.5089, 0.2970, 0.3354



44.5602, 0.3311, 0.3227

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.



52.5089, 0.3362, 0.3335



52.5089, 0.2970, 0.3354



52.5089, 0.3167, 0.3134

Square

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



52.5089, 0.2970, 0.3354



52.5089, 0.2938, 0.3083



52.5089, 0.3285, 0.3226



52.5089, 0.3318, 0.3500

Rectangle

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



52.5089, 0.2970, 0.3354



52.5089, 0.2884, 0.3168



52.5089, 0.3285, 0.3226



52.5089, 0.3377, 0.3405

Sweetspot

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



52.5111, 0.2970, 0.3354



97.9856, 0.3076, 0.3310



52.3100, 0.3155, 0.3615



20.8943, 0.3066, 0.3313



0.0000, 0.0000, 0.0000



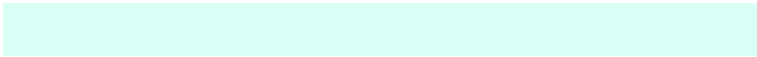
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5111, 0.2970, 0.3354



92.9696, 0.2939, 0.3368



49.5982, 0.2933, 0.3198



12.0297, 0.3010, 0.3337



27.8906, 0.2427, 0.3936



1.3302, 0.2385, 0.3785

Inverse Universe

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



44.5602, 0.3311, 0.3227



76.1612, 0.3355, 0.3214



47.1304, 0.3343, 0.3380



10.6711, 0.3259, 0.3244



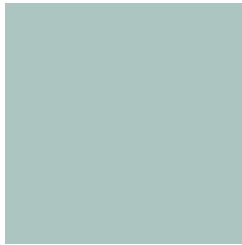
7.9158, 0.6054, 0.3109



0.3854, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 52.5089, 0.2970, 0.3354 looks on a white background.

Color Contrast Check

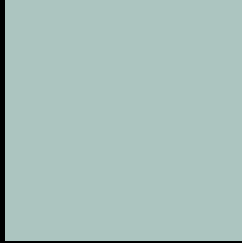
Large Text (above 18pt) WCAG AA × Fail

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 52.5089, 0.2970, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

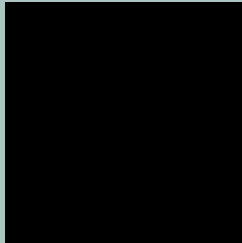
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

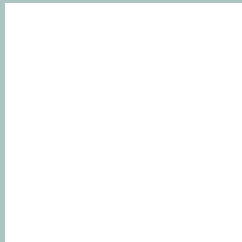
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5089, 0.2970, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 52.5089, 0.2970, 0.3354.



This preview shows how white text looks on a background with the Yxy color 52.5089, 0.2970, 0.3354.

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

52.5089, 0.2970, 0.3354

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

52.0029, 0.3250, 0.3183



Tritanopia

52.3507, 0.2868, 0.3089

Trichromacy



Original Color

52.5089, 0.2970, 0.3354

Protanomaly

52.3788, 0.3109, 0.3340

Deuteranomaly

51.8475, 0.3146, 0.3241

Tritanomaly

52.3407, 0.2908, 0.3188

Monochromacy



Original Color

52.5089, 0.2970, 0.3354

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4843, 0.3070, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5089, 0.2970, 0.3354 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(172, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(172, 197, 192)  
}
```

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(172, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.5089, 0.2970, 0.3354 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(172, 197, 192) }
```

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

```
.border{ border-color:rgb(172, 197, 192) }
```

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

Here you see how a box with a 4 pixel rgb(172, 197, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(172, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5089, 0.2970, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 197, 192) }
```

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

```
.background{ background-color: rgb(172,  
197, 192) }
```

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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