

Converting Colors

$Yxy(54.0674, 0.2950, 0.3471)$

Have a look what the booklet for
Yxy(54.0674, 0.2950, 0.3471)
contains.

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Color

Yxy(53.9789, 0.2954, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	A6CABC
RGB	166, 202, 188
RGB Percent	65%, 79%, 74%
CMY	0.3489, 0.2078, 0.2628
CMYK	0.18, 0.00, 0.07, 0.21
HSL	157°, 25%, 72%
HSV	157°, 18%, 79%
XYZ	45.9256, 53.9789, 55.5647
YIQ	189.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

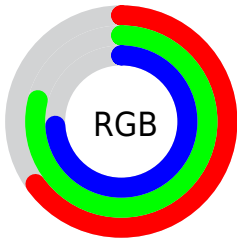
Format	Color
RYB	166, 188, 202
Decimal	10930876
CIELab	78.45, -14.76, 3.02
CIELCh	78, 15.064, 168.437
Yxy	53.9789, 0.2954, 0.3472
Android (android.graphics.Color)	4289120956 (0xFFA6CABC)
YUV	189.6400, -0.8085, -20.7323
Hunter-Lab	73.4703, -16.9945, 6.5890

Details

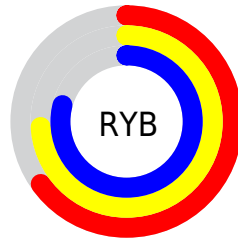
The Yxy color $53.9789, 0.2954, 0.3472$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $43.1354, 0.3339, 0.3115$, and the grayscale version is $51.2897, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.4238, 0.2982, 0.3402$, and $26.5065, 0.2909, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $51.6362, 0.2863, 0.3589$, and if you desaturate by 10%, it is $56.6876, 0.3050, 0.3366$.

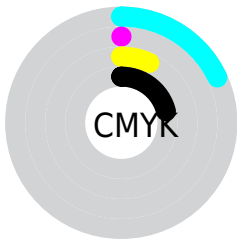
Distribution



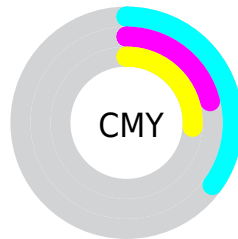
- Red (65%)
- Green (79%)
- Blue (74%)



- Red (65%)
- Yellow (74%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)




- Cyan (35%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9789, 0.2954, 0.3472 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 53.9789, 0.2954, 0.3472 by changing the saturation by 10% instead.

 53.9789, 0.2954,
0.3472

 53.9789, 0.2954,
0.3472


402.0295, 0.3039,
0.3382

 38.5848, 0.2933,
0.3494

 96.0433, 0.2985,
0.3440

 26.4369, 0.2907,
0.3522


 123.4823, 0.2996,
0.3427

 17.1508, 0.2872,
0.3560


155.7051, 0.3006,
0.3417

 10.3420, 0.2825,
0.3611

193.0961, 0.3014,
0.3408

 5.6263, 0.2755,
0.3687

236.0396, 0.3022,
0.3400

 2.6192, 0.2645,
0.3809

284.9201, 0.3028,

 0.9363, 0.2327,

0.3394

0.4120

340.1220, 0.3034,
0.3388

0.0000, 0.0000,
0.0000

53.9789, 0.2954,
0.3472

53.9789, 0.2954,
0.3472

51.6362, 0.2863,
0.3589

56.6876, 0.3050,
0.3366

49.6363, 0.2781,
0.3717

59.7706, 0.3149,
0.3270

47.9641, 0.2710,
0.3853

63.2445, 0.3249,
0.3185

46.6004, 0.2653,
0.3998

67.1229, 0.3348,
0.3109

45.5240, 0.2614,
0.4147

69.0661, 0.3352,
0.3035

■ 44.7111, 0.2594,
0.4299

■ 69.5116, 0.3293,
0.2958

■ 44.1335, 0.2595,
0.4450

■ 69.9772, 0.3236,
0.2883

■ 43.7509, 0.2614,
0.4597

■ 70.4633, 0.3180,
0.2809

■ 43.6786, 0.2619,
0.4629

■ 70.7213, 0.3151,
0.2772

Harmonies

Analogous

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



53.9789, 0.3149, 0.3605



53.9789, 0.2954, 0.3472



53.9789, 0.2808, 0.3288

Triad

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



53.9789, 0.2954, 0.3472



53.9789, 0.2907, 0.2954



53.9789, 0.3525, 0.3448

Complementary

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



53.9789, 0.2954, 0.3472



43.1354, 0.3339, 0.3115

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.



53.9789, 0.3456, 0.3279



53.9789, 0.2954, 0.3472



53.9789, 0.3095, 0.3000

Square

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



53.9789, 0.2954, 0.3472



53.9789, 0.2781, 0.2992



53.9789, 0.3297, 0.3117



53.9789, 0.3482, 0.3583

Rectangle

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



53.9789, 0.2954, 0.3472



53.9789, 0.2756, 0.3167



53.9789, 0.3297, 0.3117



53.9789, 0.3514, 0.3393

Sweetspot

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



53.9812, 0.2954, 0.3472



97.3456, 0.3077, 0.3338



54.7487, 0.3217, 0.3754



20.7590, 0.3070, 0.3345



0.0000, 0.0000, 0.0000



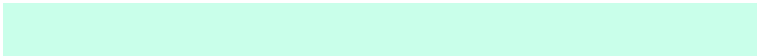
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9812, 0.2954, 0.3472



89.9482, 0.2922, 0.3512



52.9467, 0.2859, 0.3243



12.6501, 0.3035, 0.3382



28.1244, 0.2614, 0.4609



1.4655, 0.2534, 0.4321

Inverse Universe

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



43.1354, 0.3339, 0.3115



68.5343, 0.3390, 0.3079



43.9190, 0.3460, 0.3337



11.2848, 0.3230, 0.3200



8.4569, 0.5400, 0.2749



0.4511, 0.4877, 0.2460

Previews

White Background



This preview shows how the Yxy color 53.9789, 0.2954, 0.3472 looks on a white background.

Color Contrast Check

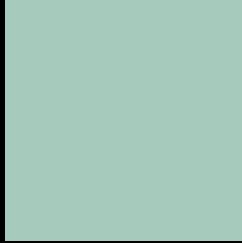
Large Text (above 18pt) WCAG AA × Fail

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 53.9789, 0.2954, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

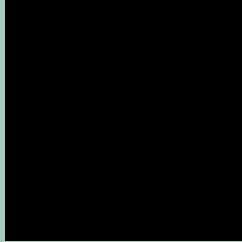
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

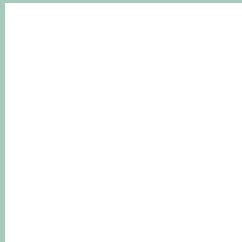
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9789, 0.2954, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 53.9789, 0.2954, 0.3472.

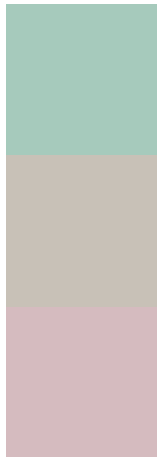


This preview shows how white text looks on a background with the Yxy color 53.9789, 0.2954, 0.3472.

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

53.9789, 0.2954, 0.3472

Protanopia

53.8382, 0.3261, 0.3413

Deuteranopia

53.4484, 0.3314, 0.3243



Tritanopia

53.9011, 0.2816, 0.3090

Trichromacy



Original Color

53.9789, 0.2954, 0.3472

Protanomaly

53.6740, 0.3145, 0.3428

Deuteranomaly

53.1527, 0.3175, 0.3315

Tritanomaly

53.6896, 0.2861, 0.3213

Monochromacy



Original Color

53.9789, 0.2954, 0.3472

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0815, 0.3061, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9789, 0.2954, 0.3472 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, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 188)  
}
```

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, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 202, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.9789, 0.2954, 0.3472 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, 202, 188) }
```

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

```
.border{ border-color:rgb(166, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 202, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 202, 188); box-shadow:4px 4px 4px 4px rgb(166, 202, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9789, 0.2954, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 202, 188) }
```

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

```
.background{ background-color: rgb(166,  
202, 188) }
```

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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