

Converting Colors

$Yxy(54.4492, 0.2672, 0.3098)$

Have a look what the booklet for
Yxy(54.4492, 0.2672, 0.3098)
contains.

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Color

Yxy(54.4492, 0.2672, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	98CBDA
RGB	152, 203, 218
RGB Percent	60%, 80%, 85%
CMY	0.4038, 0.2039, 0.1452
CMYK	0.30, 0.07, 0.00, 0.15
HSL	194°, 47%, 73%
HSV	194°, 30%, 85%
XYZ	46.9620, 54.4492, 74.3448
YIQ	189.4610, -35.2110, -6.1470

Conversions

Conversions Part 2

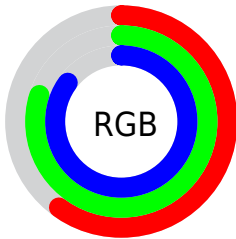
Format	Color
RYB	152, 181, 218
Decimal	10013658
CIELab	78.72, -13.01, -12.80
CIElCh	79, 18.248, 224.536
Yxy	54.4492, 0.2672, 0.3098
Android (android.graphics.Color)	4288203738 (0xFF98CBDA)
YUV	189.4610, 14.0697, -32.8533
Hunter-Lab	73.7897, -15.5292, -8.0832

Details

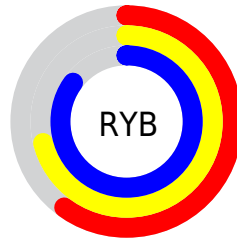
The Yxy color **54.4492, 0.2672, 0.3098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8124, 0.3751, 0.3473**, and the grayscale version is **51.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.7919, 0.2559, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **50.2361, 0.2534, 0.3024**, and if you desaturate by 10%, it is **59.1278, 0.2818, 0.3167**.

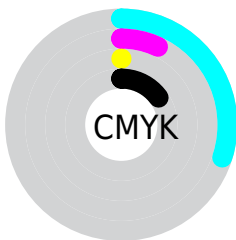
Distribution



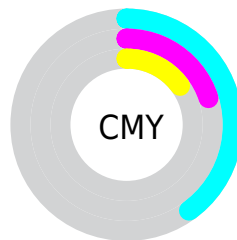
- Red (60%)
- Green (80%)
- Blue (85%)



- Red (60%)
- Yellow (71%)
- Blue (85%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)





- Cyan (40%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4492, 0.2672, 0.3098 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 54.4492, 0.2672, 0.3098 by changing the saturation by 10% instead.

 54.4492, 0.2672,
0.3098


 54.4492, 0.2672,
0.3098


403.8206, 0.2890,
0.3195

 38.9609, 0.2620,
0.3074

 96.7335, 0.2749,
0.3133

 26.7293, 0.2556,
0.3043


 124.2983, 0.2779,
0.3146

 17.3700, 0.2472,
0.3001


156.6573, 0.2804,
0.3158

 10.4987, 0.2360,
0.2944

194.1950, 0.2826,
0.3167

 5.7308, 0.2204,
0.2860

237.2958, 0.2845,
0.3175

 2.6821, 0.1971,
0.2724

286.3441, 0.2862,

 0.9681, 0.1545,

0.3183

0.2492

341.7242, 0.2877,
0.3189

0.0000, 0.0000,
0.0000

54.4492, 0.2672,
0.3098

54.4492, 0.2672,
0.3098

50.2361, 0.2534,
0.3024

59.1278, 0.2818,
0.3167

46.4602, 0.2408,
0.2946

64.2856, 0.2970,
0.3231

43.0997, 0.2297,
0.2864

69.9438, 0.3123,
0.3289

40.1279, 0.2203,
0.2781

76.1202, 0.3277,
0.3341

37.5146, 0.2129,
0.2696

81.6704, 0.3384,
0.3389

■ 35.2240, 0.2074,
0.2613

■ 84.4294, 0.3377,
0.3438

■ 33.2394, 0.2037,
0.2532

■ 87.2670, 0.3370,
0.3486

■ 90.1838, 0.3363,
0.3534

■ 93.1805, 0.3356,
0.3581

Harmonies

Analogous

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



54.4492, 0.2760, 0.3316



54.4492, 0.2672, 0.3098



54.4492, 0.2699, 0.2944

Triad

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



54.4492, 0.2672, 0.3098



54.4492, 0.3301, 0.3060



54.4492, 0.3414, 0.3716

Complementary

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



54.4492, 0.2672, 0.3098



44.8124, 0.3751, 0.3473

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.



54.4492, 0.3570, 0.3625



54.4492, 0.2672, 0.3098



54.4492, 0.3505, 0.3248

Square

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



54.4492, 0.2672, 0.3098



54.4492, 0.3055, 0.2930



54.4492, 0.3605, 0.3452



54.4492, 0.3185, 0.3686

Rectangle

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



54.4492, 0.2672, 0.3098



54.4492, 0.2780, 0.2894



54.4492, 0.3605, 0.3452



54.4492, 0.3477, 0.3698

Sweetspot

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



54.4514, 0.2672, 0.3098



92.6236, 0.2988, 0.3238



59.5733, 0.2998, 0.3975



19.5820, 0.2965, 0.3229



0.0000, 0.0000, 0.0000



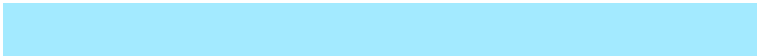
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4514, 0.2672, 0.3098



73.9595, 0.2587, 0.3054



40.7606, 0.2623, 0.2665



14.3019, 0.2982, 0.3236



20.0882, 0.2040, 0.2544



1.4267, 0.2078, 0.2680

Inverse Universe

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



41.6828, 0.3297, 0.2699



53.4747, 0.3340, 0.2579



58.1510, 0.3640, 0.3844



13.2216, 0.3172, 0.3111



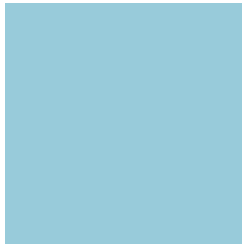
10.6517, 0.3879, 0.1910



0.7027, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 54.4492, 0.2672, 0.3098 looks on a white background.

Color Contrast Check

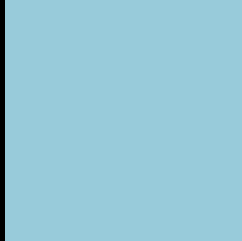
Large Text (above 18pt) WCAG AA × Fail

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 54.4492, 0.2672, 0.3098 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 54.4492, 0.2672, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 54.4492, 0.2672, 0.3098.



This preview shows how white text looks on a background with the Yxy color 54.4492, 0.2672, 0.3098.

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

54.4492, 0.2672, 0.3098

Protanopia

54.2309, 0.2989, 0.3061

Deuteranopia

54.0332, 0.2986, 0.2916



Tritanopia

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.4492, 0.2672, 0.3098

Protanomaly

54.2525, 0.2865, 0.3080

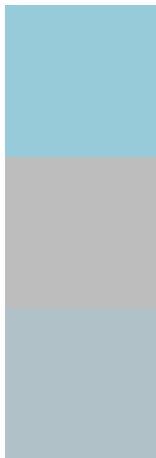
Deuteranomaly

53.8182, 0.2860, 0.2975

Tritanomaly

54.5017, 0.2666, 0.3085

Monochromacy



Original Color

54.4492, 0.2672, 0.3098

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9838, 0.2944, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4492, 0.2672, 0.3098 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(152, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(152, 203, 218)  
}
```

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(152, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 203, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.4492, 0.2672, 0.3098 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(152, 203, 218) }
```

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

```
.border{ border-color:rgb(152, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 203, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 203, 218); box-shadow:4px 4px 4px 4px rgb(152, 203, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4492, 0.2672, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 203, 218) }
```

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

```
.background{ background-color: rgb(152,  
203, 218) }
```

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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