

Converting Colors

$Y_{xy}(54.2801, 0.2637, 0.3004)$

Have a look what the booklet for
Yxy(54.2801, 0.2637, 0.3004)
contains.

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Color

$\text{Yxy}(54.3952, 0.2642, 0.3012)$

Conversions

Conversions Part 1

Format	Color
Hex	99CAE0
RGB	153, 202, 224
RGB Percent	60%, 79%, 88%
CMY	0.3999, 0.2078, 0.1217
CMYK	0.32, 0.10, 0.00, 0.12
HSL	199°, 53%, 74%
HSV	199°, 32%, 88%
XYZ	47.7132, 54.3952, 78.4866
YIQ	189.8570, -36.2660, -3.5460

Conversions

Conversions Part 2

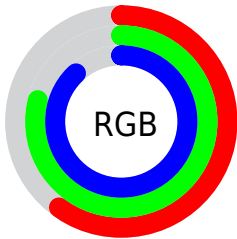
Format	Color
R _Y B	153, 182, 224
Decimal	10078944
CIE Lab	78.69, -10.78, -16.06
CIE LCh	79, 19.344, 236.146
Yxy	54.3952, 0.2642, 0.3012
Android (android.graphics.Color)	4288269024 (0xFF99CAE0)
YUV	189.8570, 16.8325, -32.3236
Hunter-Lab	73.7531, -13.5907, -11.4681

Details

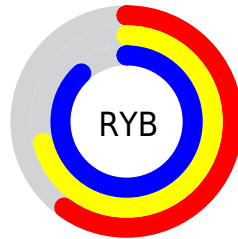
The Yxy color **54.3952, 0.2642, 0.3012** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8067, 0.3769, 0.3551**, and the grayscale version is **51.3269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **26.6970, 0.2514, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **49.2353, 0.2498, 0.2908**, and if you desaturate by 10%, it is **60.1149, 0.2793, 0.3109**.

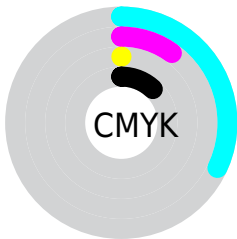
Distribution



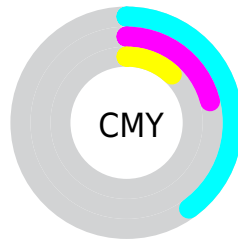
- Red (60%)
- Green (79%)
- Blue (88%)



- Red (60%)
- Yellow (71%)
- Blue (88%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)





- Cyan (40%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3952, 0.2642, 0.3012 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 54.3952, 0.2642, 0.3012 by changing the saturation by 10% instead.

 54.3952, 0.2642,
0.3012


 54.3952, 0.2642,
0.3012


403.6152, 0.2874,
0.3150

 38.9177, 0.2587,
0.2978


 96.6543, 0.2724,
0.3062

 26.6957, 0.2519,
0.2935


 124.2046, 0.2755,
0.3081

 17.3448, 0.2430,
0.2878


156.5481, 0.2782,
0.3097

 10.4807, 0.2313,
0.2800

194.0690, 0.2806,
0.3110

 5.7188, 0.2149,
0.2687

237.1518, 0.2826,
0.3122

 2.6749, 0.1907,
0.2511

286.1808, 0.2844,

 0.9644, 0.1494,

0.3133

0.2212

341.5405, 0.2860,
0.3142

0.0000, 0.0000,
0.0000

54.3952, 0.2642,
0.3012

54.3952, 0.2642,
0.3012

49.2353, 0.2498,
0.2908

60.1149, 0.2793,
0.3109

44.6038, 0.2363,
0.2798

66.4109, 0.2947,
0.3197

40.4757, 0.2243,
0.2683

73.3068, 0.3101,
0.3277

36.8210, 0.2140,
0.2565

80.8230, 0.3254,
0.3349

33.6052, 0.2056,
0.2447

87.0284, 0.3332,
0.3416

■ 30.7875, 0.1993,
0.2329

■ 91.1167, 0.3324,
0.3484

■ 28.6902, 0.1954,
0.2232

■ 95.3621, 0.3315,
0.3550

■ 98.1604, 0.3310,
0.3592

Harmonies

Analogous

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



54.3952, 0.2689, 0.3223



54.3952, 0.2642, 0.3012



54.3952, 0.2718, 0.2887

Triad

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



54.3952, 0.2642, 0.3012



54.3952, 0.3405, 0.3118



54.3952, 0.3342, 0.3746

Complementary

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



54.3952, 0.2642, 0.3012



48.8067, 0.3769, 0.3551

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.



54.3952, 0.3546, 0.3695



54.3952, 0.2642, 0.3012



54.3952, 0.3585, 0.3329

Square

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



54.3952, 0.2642, 0.3012



54.3952, 0.3152, 0.2953



54.3952, 0.3637, 0.3539



54.3952, 0.3087, 0.3663

Rectangle

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



54.3952, 0.2642, 0.3012



54.3952, 0.2830, 0.2863



54.3952, 0.3637, 0.3539



54.3952, 0.3419, 0.3744

Sweetspot

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



54.3974, 0.2642, 0.3012



90.5440, 0.2972, 0.3210



63.1414, 0.2957, 0.3934



19.1099, 0.2950, 0.3199



0.0000, 0.0000, 0.0000



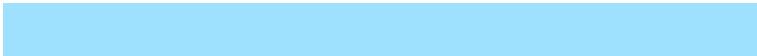
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3974, 0.2642, 0.3012



68.3420, 0.2546, 0.2944



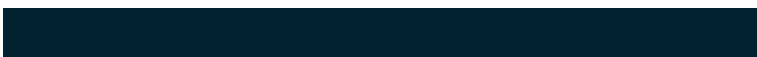
39.8744, 0.2587, 0.2550



14.8185, 0.2982, 0.3216



16.9171, 0.1959, 0.2250



1.3296, 0.2008, 0.2430

Inverse Universe

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



42.9007, 0.3361, 0.2731



51.1833, 0.3425, 0.2614



64.1319, 0.3649, 0.3934



13.8596, 0.3185, 0.3130



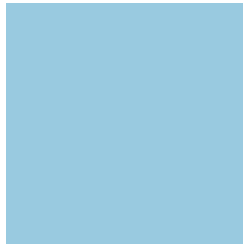
10.6158, 0.4179, 0.2076



0.7517, 0.3993, 0.1973

Previews

White Background



This preview shows how the Yxy color 54.3952, 0.2642, 0.3012 looks on a white background.

Color Contrast Check

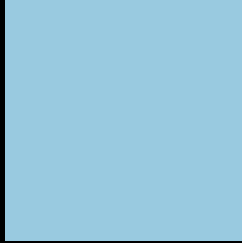
Large Text (above 18pt) WCAG AA × Fail

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 54.3952, 0.2642, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

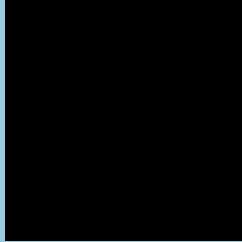
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3952, 0.2642, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 54.3952, 0.2642, 0.3012.



This preview shows how white text looks on a background with the Yxy color 54.3952, 0.2642, 0.3012.

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

54.3952, 0.2642, 0.3012

Protanopia

54.2782, 0.2932, 0.2991

Deuteranopia

53.8116, 0.2914, 0.2846



Tritanopia

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.3952, 0.2642, 0.3012

Protanomaly

53.9943, 0.2818, 0.2996

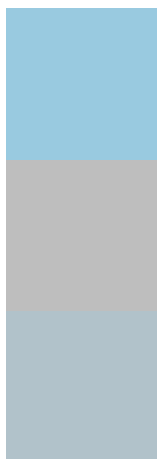
Deuteranomaly

53.8983, 0.2806, 0.2904

Tritanomaly

54.6077, 0.2654, 0.3061

Monochromacy



Original Color

54.3952, 0.2642, 0.3012

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1950, 0.2937, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3952, 0.2642, 0.3012 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(153, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(153, 202, 224)  
}
```

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(153, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 54.3952, 0.2642, 0.3012 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(153, 202, 224) }
```

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

```
.border{ border-color:rgb(153, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3952, 0.2642, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 202, 224) }
```

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

```
.background{ background-color: rgb(153,  
202, 224) }
```

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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