

Converting Colors

Yxy(54.9245, 0.2773, 0.3141)

Have a look what the booklet for
Yxy(54.9245, 0.2773, 0.3141)
contains.

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Color

Yxy(54.9886, 0.2772, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	A4CAD6
RGB	164, 202, 214
RGB Percent	64%, 79%, 84%
CMY	0.3567, 0.2079, 0.1608
CMYK	0.23, 0.06, 0.00, 0.16
HSL	194°, 38%, 74%
HSV	194°, 23%, 84%
XYZ	48.5750, 54.9886, 71.6709
YIQ	192.0060, -26.5000, -4.3240

Conversions

Conversions Part 2

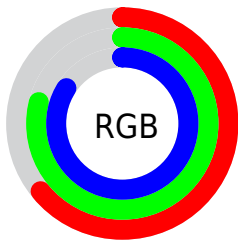
Format	Color
RYB	164, 186, 214
Decimal	10799830
CIELab	79.03, -9.88, -10.12
CIElCh	79, 14.143, 225.708
Yxy	54.9886, 0.2772, 0.3138
Android (android.graphics.Color)	4288989910 (0xFFA4CAD6)
YUV	192.0060, 10.8430, -24.5613
Hunter-Lab	74.1543, -12.8430, -5.3964

Details

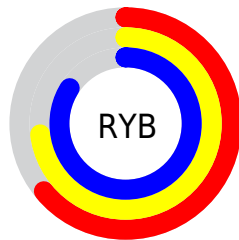
The Yxy color **54.9886, 0.2772, 0.3138** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0508, 0.3574, 0.3437**, and the grayscale version is **52.6692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **27.0625, 0.2682, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **50.5277, 0.2627, 0.3063**, and if you desaturate by 10%, it is **59.9175, 0.2923, 0.3207**.

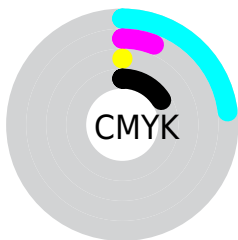
Distribution



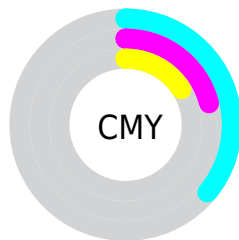
- Red (64%)
- Green (79%)
- Blue (84%)



- Red (64%)
- Yellow (73%)
- Blue (84%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)




- Cyan (36%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9886, 0.2772, 0.3138 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 54.9886, 0.2772, 0.3138 by changing the saturation by 10% instead.


 54.9886, 0.2772,
0.3138

 54.9886, 0.2772,
0.3138

405.8687, 0.2943,
0.3214

 39.3926, 0.2731,
0.3119


 97.5243, 0.2833,
0.3166

 27.0653, 0.2680,
0.3095


 125.2327, 0.2856,
0.3176

 17.6223, 0.2614,
0.3063


157.7474, 0.2875,
0.3185

 10.6791, 0.2526,
0.3019

195.4528, 0.2893,
0.3192

 5.8515, 0.2401,
0.2954

238.7332, 0.2907,
0.3199

 2.7550, 0.2211,
0.2850

287.9730, 0.2921,

 1.0052, 0.1880,

0.3204

0.2663

343.5568, 0.2932,
0.3209

0.0000, 0.0000,
0.0000

54.9886, 0.2772,
0.3138

54.9886, 0.2772,
0.3138

50.5277, 0.2627,
0.3063

59.9175, 0.2923,
0.3207

46.5083, 0.2492,
0.2983

65.3264, 0.3076,
0.3270

42.9109, 0.2368,
0.2899

71.2349, 0.3229,
0.3327

39.7119, 0.2260,
0.2812

77.6595, 0.3380,
0.3378

36.8848, 0.2171,
0.2723

81.4437, 0.3412,
0.3428

■ 34.3991, 0.2100,
0.2633

■ 84.3115, 0.3403,
0.3479

■ 32.2181, 0.2050,
0.2544

■ 87.2641, 0.3395,
0.3529

■ 30.8941, 0.2024,
0.2485

■ 90.3023, 0.3387,
0.3579

■ 93.4268, 0.3380,
0.3628

Harmonies

Analogous

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



54.9886, 0.2838, 0.3305



54.9886, 0.2772, 0.3138



54.9886, 0.2797, 0.3019

Triad

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



54.9886, 0.2772, 0.3138



54.9886, 0.3269, 0.3116



54.9886, 0.3344, 0.3619

Complementary

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



54.9886, 0.2772, 0.3138



48.0508, 0.3574, 0.3437

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.



54.9886, 0.3466, 0.3555



54.9886, 0.2772, 0.3138



54.9886, 0.3423, 0.3265

Square

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



54.9886, 0.2772, 0.3138



54.9886, 0.3080, 0.3012



54.9886, 0.3496, 0.3425



54.9886, 0.3166, 0.3590

Rectangle

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



54.9886, 0.2772, 0.3138



54.9886, 0.2863, 0.2981



54.9886, 0.3496, 0.3425



54.9886, 0.3393, 0.3607

Sweetspot

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



54.9908, 0.2772, 0.3138



94.0634, 0.3019, 0.3247



59.1137, 0.3021, 0.3786



20.0276, 0.3009, 0.3244



0.0000, 0.0000, 0.0000



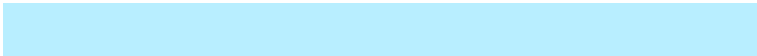
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9908, 0.2772, 0.3138



78.4158, 0.2700, 0.3102



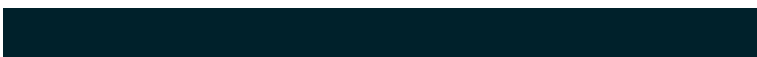
44.3433, 0.2746, 0.2816



13.5784, 0.2982, 0.3233



18.8424, 0.2027, 0.2498



1.2608, 0.2070, 0.2651

Inverse Universe

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



45.1287, 0.3257, 0.2844



61.5386, 0.3290, 0.2747



58.6023, 0.3510, 0.3723



12.5793, 0.3174, 0.3115



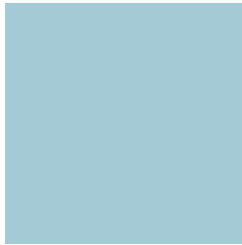
10.2470, 0.3924, 0.1935



0.6306, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 54.9886, 0.2772, 0.3138 looks on a white background.

Color Contrast Check

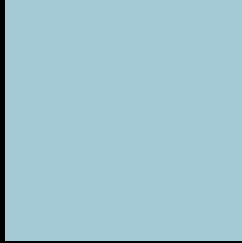
Large Text (above 18pt) WCAG AA × Fail

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 54.9886, 0.2772, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

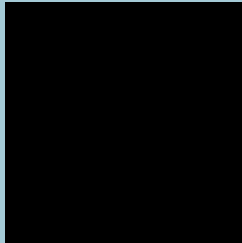
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

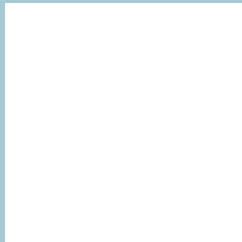
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9886, 0.2772, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 54.9886, 0.2772, 0.3138.

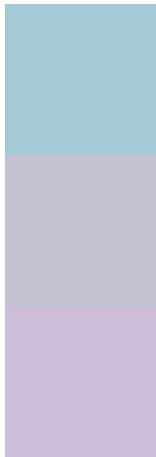


This preview shows how white text looks on a background with the Yxy color 54.9886, 0.2772, 0.3138.

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

54.9886, 0.2772, 0.3138

Protanopia

54.7891, 0.3026, 0.3110

Deuteranopia

54.6221, 0.3046, 0.2986



Tritanopia

54.8346, 0.2753, 0.3077

Trichromacy



Original Color

54.9886, 0.2772, 0.3138

Protanomaly

54.8260, 0.2929, 0.3118

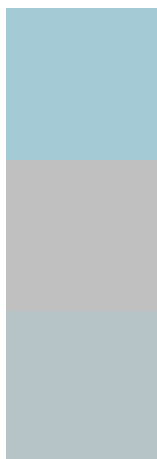
Deuteranomaly

54.3087, 0.2938, 0.3036

Tritanomaly

54.7824, 0.2759, 0.3089

Monochromacy



Original Color

54.9886, 0.2772, 0.3138

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5951, 0.2990, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9886, 0.2772, 0.3138 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(164, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(164, 202, 214)  
}
```

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(164, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 202, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.9886, 0.2772, 0.3138 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(164, 202, 214) }
```

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

```
.border{ border-color:rgb(164, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(164, 202,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9886, 0.2772, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 202, 214) }
```

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

```
.background{ background-color: rgb(164,  
202, 214) }
```

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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