

Converting Colors

$Yxy(54.9284, 0.2766, 0.3047)$

Have a look what the booklet for
Yxy(54.9284, 0.2766, 0.3047)
contains.

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Color

Yxy(54.9109, 0.2766, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	A9C8DC
RGB	169, 200, 220
RGB Percent	66%, 78%, 86%
CMY	0.3374, 0.2156, 0.1373
CMYK	0.23, 0.09, 0.00, 0.14
HSL	203°, 42%, 76%
HSV	203°, 23%, 86%
XYZ	49.9288, 54.9109, 75.6695
YIQ	193.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

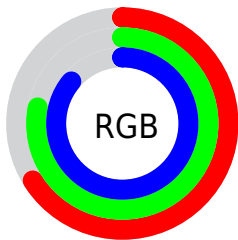
Format	Color
R _Y B	169, 188, 220
Decimal	11127004
CIE Lab	78.99, -6.00, -13.38
CIE LCh	79, 14.663, 245.831
Yxy	54.9109, 0.2766, 0.3042
Android (android.graphics.Color)	4289317084 (0xFFA9C8DC)
YUV	193.0110, 13.3056, -21.0576
Hunter-Lab	74.1019, -9.4074, -8.6729

Details

The Yxy color **54.9109, 0.2766, 0.3042** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4515, 0.3552, 0.3525**, and the grayscale version is **53.2647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **26.9874, 0.2674, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **48.8028, 0.2610, 0.2917**, and if you desaturate by 10%, it is **61.6576, 0.2923, 0.3156**.

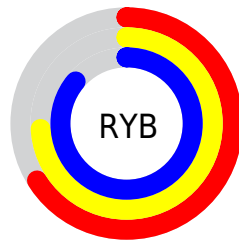
Distribution



Red (66%)

Green (78%)

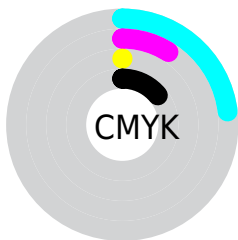
Blue (86%)



Red (66%)

Yellow (74%)

Blue (86%)

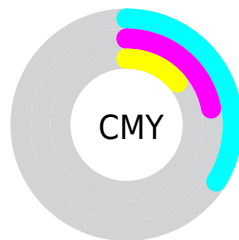


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (34%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9109, 0.2766, 0.3042 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 54.9109, 0.2766, 0.3042 by changing the saturation by 10% instead.

■ 54.9109, 0.2766,
0.3042

■ 54.9109, 0.2766,
0.3042

■ 405.5741, 0.2940,
0.3164

■ 39.3304, 0.2725,
0.3012

■ 97.4104, 0.2828,
0.3086

■ 27.0168, 0.2673,
0.2975

■ 125.0982, 0.2851,
0.3102

■ 17.5859, 0.2606,
0.2926

■ 157.5905, 0.2871,
0.3116

■ 10.6531, 0.2516,
0.2859

■ 195.2718, 0.2889,
0.3128

■ 5.8341, 0.2389,
0.2763

■ 238.5264, 0.2904,
0.3139

■ 2.7444, 0.2199,
0.2613

■ 287.7387, 0.2917,

■ 0.9998, 0.1881,

0.3148

0.2353

343.2931, 0.2929,
0.3156

0.0000, 0.0000,
0.0000

54.9109, 0.2766,
0.3042

54.9109, 0.2766,
0.3042

48.8028, 0.2610,
0.2917

61.6576, 0.2923,
0.3156

43.3026, 0.2459,
0.2783

69.0588, 0.3078,
0.3259

38.3864, 0.2316,
0.2640

77.1382, 0.3230,
0.3352

34.0258, 0.2186,
0.2491

85.5406, 0.3361,
0.3435

30.1896, 0.2074,
0.2339

90.5787, 0.3349,
0.3518

■ 26.8418, 0.1981,
0.2186

■ 95.8588, 0.3338,
0.3600

■ 23.9400, 0.1910,
0.2037

■ 97.9468, 0.3334,
0.3631

■ 22.1741, 0.1872,
0.1937

Harmonies

Analogous

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



54.9109, 0.2772, 0.3186



54.9109, 0.2766, 0.3042



54.9109, 0.2854, 0.2970

Triad

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



54.9109, 0.2766, 0.3042



54.9109, 0.3389, 0.3210



54.9109, 0.3231, 0.3623

Complementary

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



54.9109, 0.2766, 0.3042



54.4515, 0.3552, 0.3525

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.



54.9109, 0.3402, 0.3619



54.9109, 0.2766, 0.3042



54.9109, 0.3496, 0.3376

Square

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



54.9109, 0.2766, 0.3042



54.9109, 0.3211, 0.3068



54.9109, 0.3501, 0.3526



54.9109, 0.3036, 0.3529

Rectangle

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



54.9109, 0.2766, 0.3042



54.9109, 0.2955, 0.2968



54.9109, 0.3501, 0.3526



54.9109, 0.3293, 0.3633

Sweetspot

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



54.9131, 0.2766, 0.3042



92.3914, 0.3019, 0.3221



63.2668, 0.2974, 0.3684



19.6398, 0.3009, 0.3215



0.0000, 0.0000, 0.0000



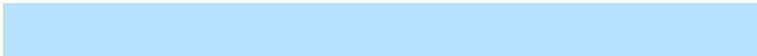
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9131, 0.2766, 0.3042



72.3215, 0.2687, 0.2980



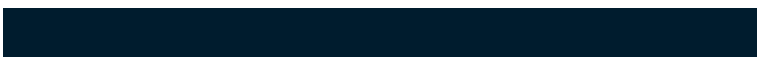
44.2296, 0.2740, 0.2718



13.9290, 0.2982, 0.3196



13.2378, 0.1878, 0.1960



1.0235, 0.1945, 0.2200

Inverse Universe

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



47.7507, 0.3323, 0.2932



60.9233, 0.3376, 0.2850



66.1899, 0.3490, 0.3804



13.1840, 0.3197, 0.3149



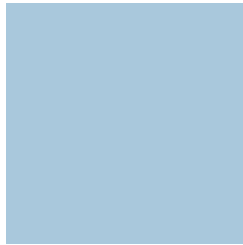
9.9601, 0.4499, 0.2252



0.6620, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 54.9109, 0.2766, 0.3042 looks on a white background.

Color Contrast Check

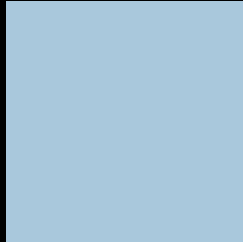
Large Text (above 18pt) WCAG AA × Fail

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 54.9109, 0.2766, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

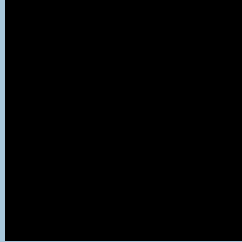
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

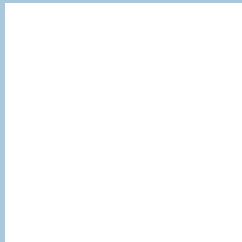
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9109, 0.2766, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 54.9109, 0.2766, 0.3042.



This preview shows how white text looks on a background with the Yxy color 54.9109, 0.2766, 0.3042.

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

54.9109, 0.2766, 0.3042

Protanopia

54.7479, 0.2953, 0.3027

Deuteranopia

54.5183, 0.2979, 0.2917



Tritanopia

55.1079, 0.2779, 0.3090

Trichromacy



Original Color

54.9109, 0.2766, 0.3042

Protanomaly

54.6800, 0.2888, 0.3035

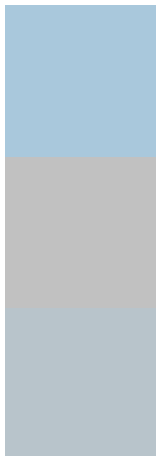
Deuteranomaly

54.6228, 0.2897, 0.2967

Tritanomaly

55.1601, 0.2773, 0.3078

Monochromacy



Original Color

54.9109, 0.2766, 0.3042

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9820, 0.2984, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9109, 0.2766, 0.3042 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(169, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 220)  
}
```

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(169, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.9109, 0.2766, 0.3042 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(169, 200, 220) }
```

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

```
.border{ border-color:rgb(169, 200, 220) }
```

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

Here you see how a box with a 4 pixel rgb(169, 200, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9109, 0.2766, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 220) }
```

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

```
.background{ background-color: rgb(169,  
200, 220) }
```

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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