

Converting Colors

$Y_{xy}(54.7074, 0.2710, 0.3155)$

Have a look what the booklet for
Yxy(54.7074, 0.2710, 0.3155)
contains.

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Color

Yxy(54.9108, 0.2709, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	9ACCD6
RGB	154, 204, 214
RGB Percent	60%, 80%, 84%
CMY	0.3960, 0.2000, 0.1607
CMYK	0.28, 0.05, 0.00, 0.16
HSL	190°, 42%, 72%
HSV	190°, 28%, 84%
XYZ	47.0590, 54.9108, 71.7436
YIQ	190.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

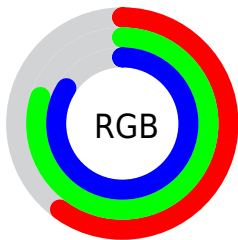
Format	Color
RYB	154, 181, 214
Decimal	10144982
CIELab	78.99, -13.89, -10.26
CIELCh	79, 17.265, 216.459
Yxy	54.9108, 0.2709, 0.3161
Android (android.graphics.Color)	4288335062 (0xFF9ACCD6)
YUV	190.1900, 11.7383, -31.7386
Hunter-Lab	74.1018, -16.3203, -5.5319

Details

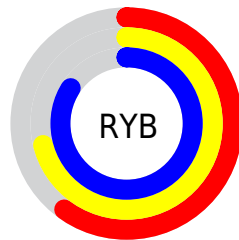
The Yxy color **54.9108, 0.2709, 0.3161** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1894, 0.3704, 0.3415**, and the grayscale version is **51.5554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **27.0826, 0.2606, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **51.3189, 0.2574, 0.3108**, and if you desaturate by 10%, it is **58.9204, 0.2853, 0.3211**.

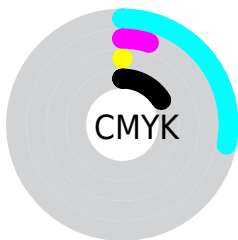
Distribution



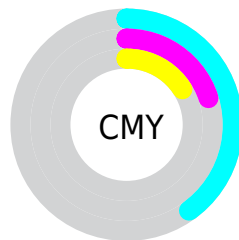
- Red (60%)
- Green (80%)
- Blue (84%)



- Red (60%)
- Yellow (71%)
- Blue (84%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9108, 0.2709, 0.3161 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 54.9108, 0.2709, 0.3161 by changing the saturation by 10% instead.


 54.9108, 0.2709,
0.3161


 54.9108, 0.2709,
0.3161


405.5737, 0.2910,
0.3227

 39.3303, 0.2661,
0.3144


 97.4103, 0.2780,
0.3185

 27.0168, 0.2602,
0.3123


 125.0980, 0.2807,
0.3194

 17.5858, 0.2525,
0.3094

157.5903, 0.2830,
0.3202

 10.6530, 0.2421,
0.3053

195.2715, 0.2851,
0.3208

 5.8340, 0.2276,
0.2993

238.5261, 0.2868,
0.3214

 2.7444, 0.2059,
0.2894

287.7384, 0.2884,

 0.9998, 0.1652,

0.3219

0.2722

343.2928, 0.2897,
0.3223

0.0000, 0.0000,
0.0000

54.9108, 0.2709,
0.3161

54.9108, 0.2709,
0.3161

51.3189, 0.2574,
0.3108

58.9204, 0.2853,
0.3211

48.1178, 0.2452,
0.3052

63.3598, 0.3004,
0.3256

45.2880, 0.2345,
0.2994

68.2486, 0.3158,
0.3298

42.8049, 0.2256,
0.2935

73.6032, 0.3312,
0.3335

40.6409, 0.2186,
0.2874

78.2802, 0.3421,
0.3370

■ 38.7636, 0.2135,
0.2815

■ 80.1954, 0.3415,
0.3406

■ 37.1264, 0.2101,
0.2755

■ 82.1509, 0.3409,
0.3441

■ 36.8190, 0.2096,
0.2744

■ 84.1471, 0.3404,
0.3476

■ 86.1841, 0.3398,
0.3511

Harmonies

Analogous

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



54.9108, 0.2820, 0.3374



54.9108, 0.2709, 0.3161



54.9108, 0.2705, 0.2995

Triad

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



54.9108, 0.2709, 0.3161



54.9108, 0.3230, 0.3033



54.9108, 0.3447, 0.3679

Complementary

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



54.9108, 0.2709, 0.3161



43.1894, 0.3704, 0.3415

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.



54.9108, 0.3566, 0.3569



54.9108, 0.2709, 0.3161



54.9108, 0.3439, 0.3199

Square

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



54.9108, 0.2709, 0.3161



54.9108, 0.2999, 0.2929



54.9108, 0.3564, 0.3393



54.9108, 0.3244, 0.3683

Rectangle

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



54.9108, 0.2709, 0.3161



54.9108, 0.2763, 0.2930



54.9108, 0.3564, 0.3393



54.9108, 0.3499, 0.3652

Sweetspot

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



54.9130, 0.2709, 0.3161



94.1819, 0.3003, 0.3256



57.6506, 0.3026, 0.3958



19.9351, 0.2980, 0.3249



0.0000, 0.0000, 0.0000



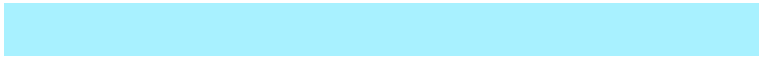
21.4041, 0.3127, 0.3290

Same Dimension

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



54.9130, 0.2709, 0.3161



78.2139, 0.2623, 0.3128



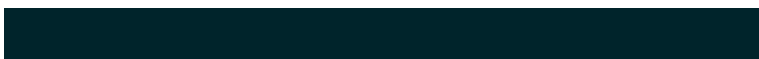
42.0028, 0.2668, 0.2760



13.7387, 0.2983, 0.3250



22.3839, 0.2098, 0.2753



1.4459, 0.2126, 0.2855

Inverse Universe

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



41.7721, 0.3248, 0.2704



55.6993, 0.3282, 0.2571



55.2198, 0.3608, 0.3768



12.5955, 0.3163, 0.3098



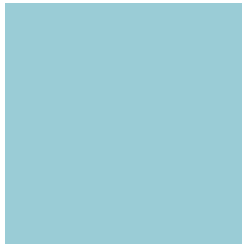
10.6045, 0.3679, 0.1800



0.6493, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 54.9108, 0.2709, 0.3161 looks on a white background.

Color Contrast Check

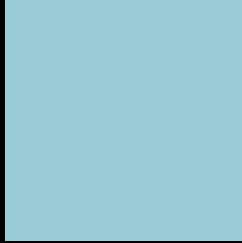
Large Text (above 18pt) WCAG AA × Fail

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 54.9108, 0.2709, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

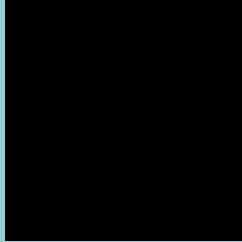
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

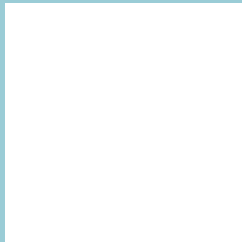
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9108, 0.2709, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 54.9108, 0.2709, 0.3161.

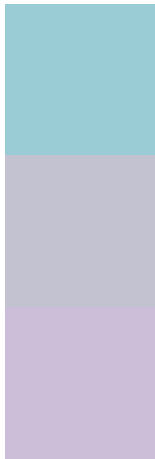


This preview shows how white text looks on a background with the Yxy color 54.9108, 0.2709, 0.3161.

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

54.9108, 0.2709, 0.3161

Protanopia

54.7397, 0.3033, 0.3122

Deuteranopia

54.6740, 0.3039, 0.2975



Tritanopia

54.7949, 0.2684, 0.3086

Trichromacy



Original Color

54.9108, 0.2709, 0.3161

Protanomaly

54.7446, 0.2906, 0.3141

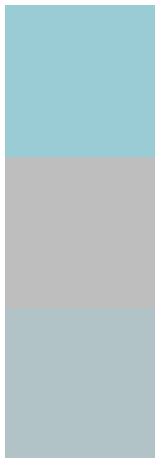
Deuteranomaly

54.4272, 0.2909, 0.3035

Tritanomaly

54.6902, 0.2696, 0.3111

Monochromacy



Original Color

54.9108, 0.2709, 0.3161

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.5008, 0.2958, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9108, 0.2709, 0.3161 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(154, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(154, 204, 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(154, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.9108, 0.2709, 0.3161 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(154, 204, 214) }
```

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

```
.border{ border-color:rgb(154, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(154, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9108, 0.2709, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 204, 214) }
```

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

```
.background{ background-color: rgb(154,  
204, 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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