

Converting Colors

$Yxy(54.5438, 0.2704, 0.3137)$

Have a look what the booklet for
Yxy(54.5438, 0.2704, 0.3137)
contains.

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Color

Yxy(54.4882, 0.2702, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	9ACBD7
RGB	154, 203, 215
RGB Percent	60%, 80%, 84%
CMY	0.3960, 0.2039, 0.1570
CMYK	0.28, 0.06, 0.00, 0.16
HSL	192°, 43%, 72%
HSV	192°, 28%, 84%
XYZ	46.9474, 54.4882, 72.3150
YIQ	189.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

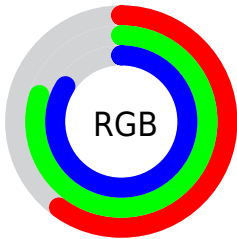
Format	Color
RYB	154, 181, 215
Decimal	10144727
CIELab	78.75, -13.15, -11.14
CIELCh	79, 17.232, 220.283
Yxy	54.4882, 0.2702, 0.3136
Android (android.graphics.Color)	4288334807 (0xFF9ACBD7)
YUV	189.7170, 12.4645, -31.3238
Hunter-Lab	73.8161, -15.6513, -6.4130

Details

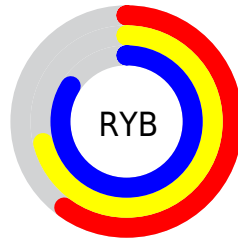
The Yxy color **54.4882, 0.2702, 0.3136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0451, 0.3707, 0.3438**, and the grayscale version is **51.2647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **26.7997, 0.2596, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **50.5992, 0.2565, 0.3073**, and if you desaturate by 10%, it is **58.8137, 0.2848, 0.3195**.

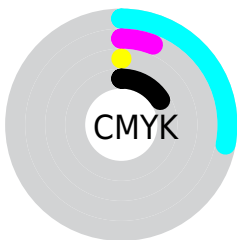
Distribution



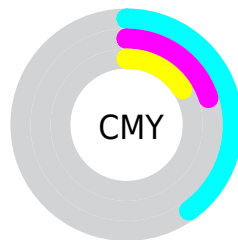
- Red (60%)
- Green (80%)
- Blue (84%)



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



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4882, 0.2702, 0.3136 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 54.4882, 0.2702, 0.3136 by changing the saturation by 10% instead.


 54.4882, 0.2702,
0.3136


 54.4882, 0.2702,
0.3136


403.9689, 0.2906,
0.3214

 38.9921, 0.2654,
0.3116


 96.7907, 0.2774,
0.3165

 26.7536, 0.2593,
0.3091


 124.3659, 0.2802,
0.3175

 17.3882, 0.2514,
0.3057


156.7362, 0.2826,
0.3184

 10.5117, 0.2409,
0.3010

194.2861, 0.2846,
0.3192

 5.7395, 0.2261,
0.2940

237.3999, 0.2864,
0.3199

 2.6873, 0.2039,
0.2827

286.4620, 0.2880,

 0.9708, 0.1624,

0.3204

0.2631

341.8569, 0.2894,
0.3210

0.0000, 0.0000,
0.0000

54.4882, 0.2702,
0.3136

54.4882, 0.2702,
0.3136

50.5992, 0.2565,
0.3073

58.8137, 0.2848,
0.3195

47.1194, 0.2440,
0.3007

63.5881, 0.2999,
0.3249

44.0286, 0.2330,
0.2938

68.8315, 0.3153,
0.3298

41.3020, 0.2237,
0.2867

74.5606, 0.3306,
0.3342

38.9111, 0.2163,
0.2795

79.5368, 0.3410,
0.3383

■ 36.8230, 0.2109,
0.2723

■ 81.8359, 0.3404,
0.3425

■ 34.9884, 0.2072,
0.2652

■ 84.1918, 0.3397,
0.3466

■ 34.6992, 0.2067,
0.2641

■ 86.6048, 0.3391,
0.3508

■ 89.0754, 0.3384,
0.3549

Harmonies

Analogous

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



54.4882, 0.2801, 0.3346



54.4882, 0.2702, 0.3136



54.4882, 0.2712, 0.2979

Triad

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



54.4882, 0.2702, 0.3136



54.4882, 0.3259, 0.3051



54.4882, 0.3425, 0.3686

Complementary

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



54.4882, 0.2702, 0.3136



44.0451, 0.3707, 0.3438

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.



54.4882, 0.3558, 0.3588



54.4882, 0.2702, 0.3136



54.4882, 0.3461, 0.3223

Square

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



54.4882, 0.2702, 0.3136



54.4882, 0.3027, 0.2938



54.4882, 0.3572, 0.3417



54.4882, 0.3215, 0.3675

Rectangle

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



54.4882, 0.2702, 0.3136



54.4882, 0.2779, 0.2922



54.4882, 0.3572, 0.3417



54.4882, 0.3480, 0.3664

Sweetspot

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



54.4904, 0.2702, 0.3136



93.0622, 0.2988, 0.3245



58.1834, 0.3019, 0.3953



19.6906, 0.2965, 0.3237



0.0000, 0.0000, 0.0000



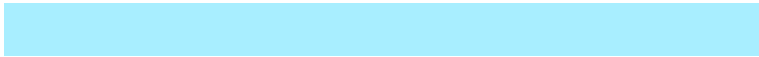
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4904, 0.2702, 0.3136



76.7115, 0.2619, 0.3099



41.7869, 0.2661, 0.2739



13.6741, 0.2983, 0.3243



20.9107, 0.2070, 0.2651



1.3695, 0.2104, 0.2774

Inverse Universe

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



41.8721, 0.3266, 0.2716



55.5477, 0.3303, 0.2594



56.1088, 0.3611, 0.3786



12.5889, 0.3167, 0.3105



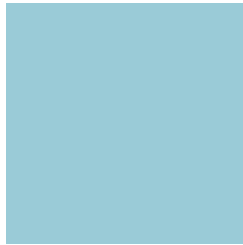
10.4558, 0.3774, 0.1853



0.6416, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 54.4882, 0.2702, 0.3136 looks on a white background.

Color Contrast Check

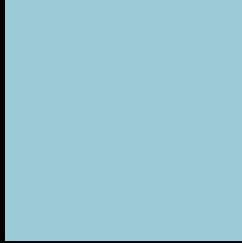
Large Text (above 18pt) WCAG AA × Fail

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 54.4882, 0.2702, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

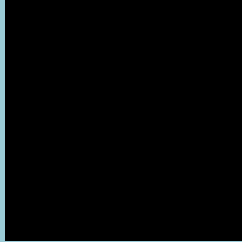
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

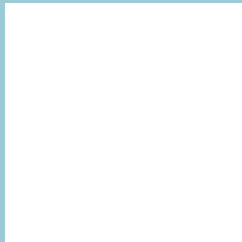
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4882, 0.2702, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 54.4882, 0.2702, 0.3136.



This preview shows how white text looks on a background with the Yxy color 54.4882, 0.2702, 0.3136.

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

54.4882, 0.2702, 0.3136

Protanopia

54.2127, 0.3018, 0.3097

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

54.3241, 0.2683, 0.3073

Trichromacy



Original Color

54.4882, 0.2702, 0.3136

Protanomaly

54.2194, 0.2892, 0.3116

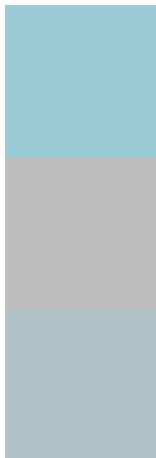
Deuteranomaly

53.9076, 0.2894, 0.3011

Tritanomaly

54.2716, 0.2689, 0.3086

Monochromacy



Original Color

54.4882, 0.2702, 0.3136

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 54.4882, 0.2702, 0.3136 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, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 215)  
}
```

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, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.4882, 0.2702, 0.3136 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, 203, 215) }
```

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

```
.border{ border-color:rgb(154, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(154, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4882, 0.2702, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 215) }
```

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

```
.background{ background-color: rgb(154,  
203, 215) }
```

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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