

Converting Colors

Yxy(56.0359, 0.2712, 0.3188)

Have a look what the booklet for
Yxy(56.0359, 0.2712, 0.3188)
contains.

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Color

Yxy(55.8677, 0.2712, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	9ACED6
RGB	154, 206, 214
RGB Percent	60%, 81%, 84%
CMY	0.3959, 0.1922, 0.1608
CMYK	0.28, 0.04, 0.00, 0.16
HSL	188°, 42%, 72%
HSV	188°, 28%, 84%
XYZ	47.5410, 55.8677, 71.8900
YIQ	191.3640, -33.5600, -8.5360

Conversions

Conversions Part 2

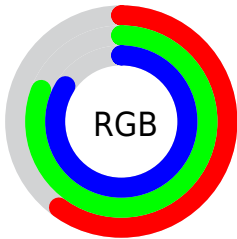
Format	Color
RYB	154, 182, 214
Decimal	10145494
CIELab	79.54, -14.90, -9.43
CIELCh	80, 17.639, 212.327
Yxy	55.8677, 0.2712, 0.3187
Android (android.graphics.Color)	4288335574 (0xFF9ACED6)
YUV	191.3640, 11.1595, -32.7682
Hunter-Lab	74.7447, -17.2691, -4.7043

Details

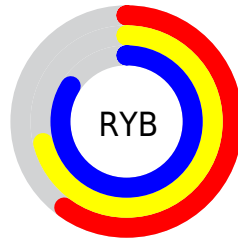
The Yxy color **55.8677, 0.2712, 0.3187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4867, 0.3710, 0.3390**, and the grayscale version is **52.2774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **27.7264, 0.2611, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **52.5911, 0.2580, 0.3145**, and if you desaturate by 10%, it is **59.5481, 0.2854, 0.3227**.

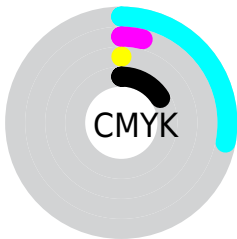
Distribution



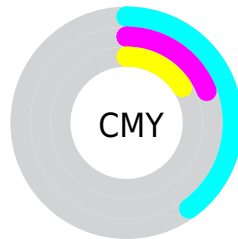
- Red (60%)
- Green (81%)
- Blue (84%)



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



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8677, 0.2712, 0.3187 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 55.8677, 0.2712, 0.3187 by changing the saturation by 10% instead.


 55.8677, 0.2712,
0.3187


 55.8677, 0.2712,
0.3187


409.1927, 0.2911,
0.3240

 40.0969, 0.2665,
0.3173


 98.8111, 0.2782,
0.3207

 27.6141, 0.2606,
0.3156


 126.7525, 0.2809,
0.3214

 18.0349, 0.2530,
0.3132


159.5195, 0.2832,
0.3220

 10.9751, 0.2429,
0.3099

197.4965, 0.2852,
0.3225

 6.0501, 0.2286,
0.3049

241.0679, 0.2869,
0.3230

 2.8756, 0.2073,
0.2965

290.6182, 0.2885,

 1.0671, 0.1690,

0.3234

0.2818

346.5317, 0.2898,
0.3237

0.0000, 0.0000,
0.0000

55.8677, 0.2712,
0.3187

55.8677, 0.2712,
0.3187

52.5911, 0.2580,
0.3145

59.5481, 0.2854,
0.3227

49.6916, 0.2461,
0.3101

63.6441, 0.3004,
0.3263

47.1494, 0.2359,
0.3055

68.1752, 0.3158,
0.3296

44.9405, 0.2274,
0.3008

73.1578, 0.3314,
0.3327

43.0373, 0.2208,
0.2961

77.4426, 0.3423,
0.3354

■ 41.4076, 0.2162,
0.2914

■ 78.9564, 0.3419,
0.3383

■ 40.0049, 0.2132,
0.2867

■ 80.4959, 0.3414,
0.3411

■ 39.7387, 0.2127,
0.2858

■ 82.0613, 0.3410,
0.3440

■ 83.6527, 0.3405,
0.3468

Harmonies

Analogous

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



55.8677, 0.2839, 0.3405



55.8677, 0.2712, 0.3187



55.8677, 0.2692, 0.3009

Triad

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



55.8677, 0.2712, 0.3187



55.8677, 0.3199, 0.3010



55.8677, 0.3475, 0.3675

Complementary

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



55.8677, 0.2712, 0.3187



42.4867, 0.3710, 0.3390

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.



55.8677, 0.3581, 0.3551



55.8677, 0.2712, 0.3187



55.8677, 0.3419, 0.3172

Square

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



55.8677, 0.2712, 0.3187



55.8677, 0.2967, 0.2916



55.8677, 0.3561, 0.3367



55.8677, 0.3277, 0.3696

Rectangle

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



55.8677, 0.2712, 0.3187



55.8677, 0.2742, 0.2934



55.8677, 0.3561, 0.3367



55.8677, 0.3523, 0.3644

Sweetspot

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



55.8699, 0.2712, 0.3187



94.6100, 0.3003, 0.3263



57.5742, 0.3039, 0.3985



20.0437, 0.2980, 0.3257



0.0000, 0.0000, 0.0000



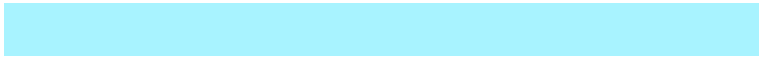
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8699, 0.2712, 0.3187



79.9389, 0.2627, 0.3161



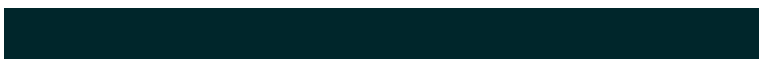
42.7914, 0.2671, 0.2788



13.8121, 0.2983, 0.3258



24.1324, 0.2129, 0.2865



1.5357, 0.2152, 0.2945

Inverse Universe

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



41.8785, 0.3230, 0.2682



55.8735, 0.3258, 0.2545



54.3348, 0.3613, 0.3745



12.6029, 0.3158, 0.3090



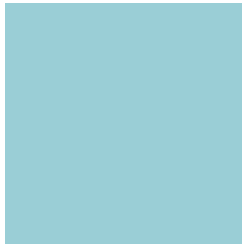
10.7810, 0.3575, 0.1743



0.6583, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 55.8677, 0.2712, 0.3187 looks on a white background.

Color Contrast Check

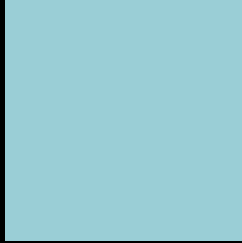
Large Text (above 18pt) WCAG AA × Fail

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 55.8677, 0.2712, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

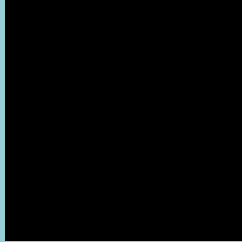
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

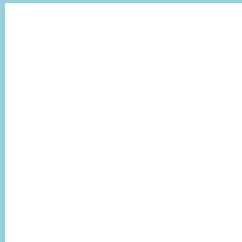
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8677, 0.2712, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 55.8677, 0.2712, 0.3187.



This preview shows how white text looks on a background with the Yxy color 55.8677, 0.2712, 0.3187.

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

55.8677, 0.2712, 0.3187

Protanopia

55.4055, 0.3055, 0.3146

Deuteranopia

55.3932, 0.3054, 0.2988



Tritanopia

55.9510, 0.2682, 0.3088

Trichromacy



Original Color

55.8677, 0.2712, 0.3187

Protanomaly

55.3237, 0.2914, 0.3154

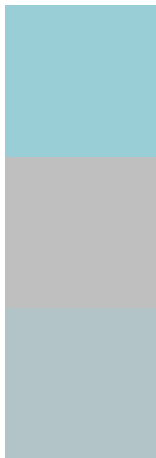
Deuteranomaly

55.0025, 0.2917, 0.3048

Tritanomaly

55.6932, 0.2693, 0.3125

Monochromacy



Original Color

55.8677, 0.2712, 0.3187

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0684, 0.2966, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8677, 0.2712, 0.3187 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, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(154, 206, 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, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 206, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.8677, 0.2712, 0.3187 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, 206, 214) }
```

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

```
.border{ border-color:rgb(154, 206, 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, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(154, 206,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8677, 0.2712, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 206, 214) }
```

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

```
.background{ background-color: rgb(154,  
206, 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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