

Converting Colors

Yxy(57.6632, 0.2687, 0.3139)

Have a look what the booklet for
Yxy(57.6632, 0.2687, 0.3139)
contains.

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Color

Yxy(57.8893, 0.2687, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	9CD1DD
RGB	156, 209, 221
RGB Percent	61%, 82%, 87%
CMY	0.3885, 0.1803, 0.1333
CMYK	0.29, 0.05, 0.00, 0.13
HSL	191°, 49%, 74%
HSV	191°, 29%, 87%
XYZ	49.5535, 57.8893, 76.9767
YIQ	194.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

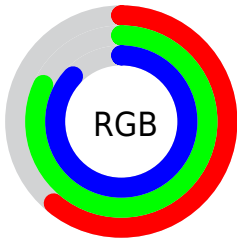
Format	Color
RYB	156, 185, 221
Decimal	10277341
CIELab	80.68, -14.29, -11.48
CIELCh	81, 18.332, 218.785
Yxy	57.8893, 0.2687, 0.3139
Android (android.graphics.Color)	4288467421 (0xFF9CD1DD)
YUV	194.5210, 13.0541, -33.7829
Hunter-Lab	76.0850, -16.8932, -6.7254

Details

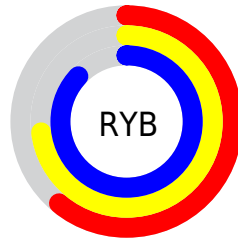
The Yxy color **57.8893, 0.2687, 0.3139** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7528, 0.3740, 0.3435**, and the grayscale version is **54.2046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **29.0206, 0.2575, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **53.9108, 0.2552, 0.3080**, and if you desaturate by 10%, it is **62.3246, 0.2831, 0.3195**.

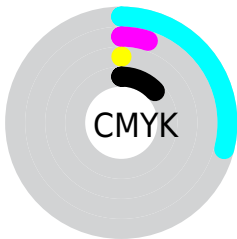
Distribution



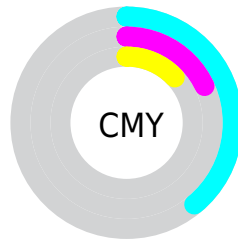
- Red (61%)
- Green (82%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8893, 0.2687, 0.3139 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 57.8893, 0.2687, 0.3139 by changing the saturation by 10% instead.

■ 57.8893, 0.2687,
0.3139

■ 57.8893, 0.2687,
0.3139

■ 416.7733, 0.2896,
0.3215

■ 41.7197, 0.2638,
0.3120

■ 101.7616, 0.2761,
0.3167

■ 28.8818, 0.2577,
0.3096

■ 130.2331, 0.2789,
0.3177

■ 18.9915, 0.2499,
0.3063

■ 163.5740, 0.2813,
0.3186

■ 11.6641, 0.2394,
0.3019

■ 202.1687, 0.2834,
0.3193

■ 6.5154, 0.2250,
0.2953

■ 246.4016, 0.2852,
0.3200

■ 3.1609, 0.2037,
0.2848

■ 296.6570, 0.2869,

■ 1.2163, 0.1693,

0.3206

0.2658

353.3195, 0.2883,
0.3211

0.0750, 0.0000,
0.0781

0.0000, 0.0000,
0.0000

57.8893, 0.2687,
0.3139

57.8893, 0.2687,
0.3139

53.9108, 0.2552,
0.3080

62.3246, 0.2831,
0.3195

50.3601, 0.2430,
0.3017

67.2304, 0.2982,
0.3246

47.2151, 0.2323,
0.2952

72.6280, 0.3136,
0.3292

44.4491, 0.2234,
0.2886

78.5354, 0.3290,
0.3335

■ 42.0314, 0.2164,
0.2818

■ 82.7346, 0.3361,
0.3374

■ 39.9257, 0.2114,
0.2752

■ 85.0210, 0.3356,
0.3414

■ 38.0723, 0.2080,
0.2685

■ 87.3606, 0.3350,
0.3454

■ 37.9728, 0.2078,
0.2682

■ 89.7539, 0.3345,
0.3494

■ 92.2012, 0.3340,
0.3533

Harmonies

Analogous

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



57.8893, 0.2795, 0.3360



57.8893, 0.2687, 0.3139



57.8893, 0.2692, 0.2972

Triad

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



57.8893, 0.2687, 0.3139



57.8893, 0.3253, 0.3034



57.8893, 0.3447, 0.3700

Complementary

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



57.8893, 0.2687, 0.3139



45.7528, 0.3740, 0.3435

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.



57.8893, 0.3580, 0.3592



57.8893, 0.2687, 0.3139



57.8893, 0.3467, 0.3210

Square

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



57.8893, 0.2687, 0.3139



57.8893, 0.3011, 0.2920



57.8893, 0.3589, 0.3412



57.8893, 0.3230, 0.3695

Rectangle

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



57.8893, 0.2687, 0.3139



57.8893, 0.2758, 0.2910



57.8893, 0.3589, 0.3412



57.8893, 0.3503, 0.3675

Sweetspot

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



57.8916, 0.2687, 0.3139



93.2344, 0.2988, 0.3248



61.6035, 0.3014, 0.3984



19.7333, 0.2965, 0.3240



0.0000, 0.0000, 0.0000



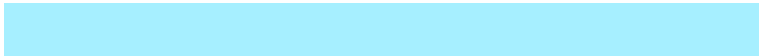
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8916, 0.2687, 0.3139



76.7681, 0.2607, 0.3105



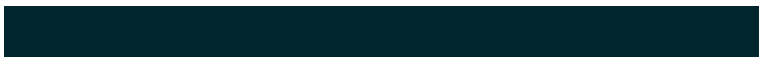
43.5470, 0.2640, 0.2713



14.4001, 0.2982, 0.3246



22.2107, 0.2081, 0.2692



1.5471, 0.2111, 0.2800

Inverse Universe

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



43.7339, 0.3266, 0.2684



54.6469, 0.3300, 0.2564



59.2689, 0.3633, 0.3806



13.2315, 0.3166, 0.3101



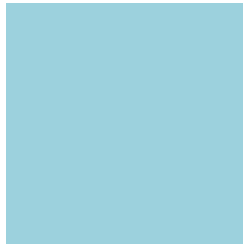
10.8660, 0.3736, 0.1832



0.7149, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 57.8893, 0.2687, 0.3139 looks on a white background.

Color Contrast Check

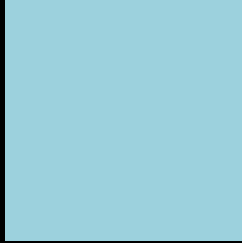
Large Text (above 18pt) WCAG AA × Fail

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 57.8893, 0.2687, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

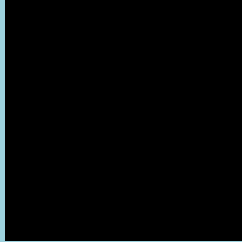
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

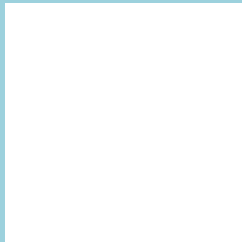
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8893, 0.2687, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 57.8893, 0.2687, 0.3139.

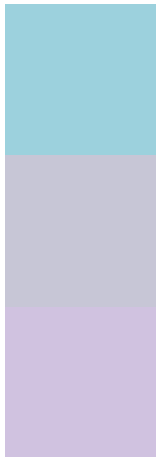


This preview shows how white text looks on a background with the Yxy color 57.8893, 0.2687, 0.3139.

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

57.8893, 0.2687, 0.3139

Protanopia

57.3853, 0.3020, 0.3102

Deuteranopia

57.3753, 0.3019, 0.2948



Tritanopia

57.7161, 0.2669, 0.3078

Trichromacy



Original Color

57.8893, 0.2687, 0.3139

Protanomaly

57.3181, 0.2884, 0.3108

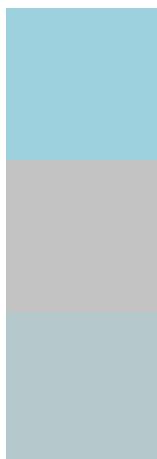
Deuteranomaly

56.9934, 0.2886, 0.3005

Tritanomaly

57.6617, 0.2675, 0.3090

Monochromacy



Original Color

57.8893, 0.2687, 0.3139

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4919, 0.2955, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8893, 0.2687, 0.3139 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(156, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(156, 209, 221)  
}
```

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(156, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 209, 221) }
```

Border

The CSS property to change the border of an element to Yxy 57.8893, 0.2687, 0.3139 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(156, 209, 221) }
```

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

```
.border{ border-color:rgb(156, 209, 221) }
```

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

Here you see how a box with a 4 pixel rgb(156, 209, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(156, 209,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8893, 0.2687, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 209, 221) }
```

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

```
.background{ background-color: rgb(156,  
209, 221) }
```

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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