

Converting Colors

$Yxy(58.2679, 0.2637, 0.3164)$

Have a look what the booklet for
Yxy(58.2679, 0.2637, 0.3164)
contains.

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Color

Yxy(58.0120, 0.2637, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	93D3DD
RGB	147, 211, 221
RGB Percent	58%, 83%, 87%
CMY	0.4235, 0.1725, 0.1332
CMYK	0.33, 0.05, 0.00, 0.13
HSL	188°, 52%, 72%
HSV	188°, 33%, 87%
XYZ	48.3800, 58.0120, 77.0741
YIQ	193.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

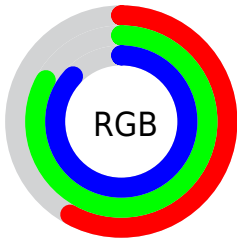
Format	Color
R _{YB}	147, 181, 221
Decimal	9688029
CIE _{Lab}	80.75, -17.79, -11.44
CIE _{LCh}	81, 21.148, 212.751
Yxy	58.0120, 0.2637, 0.3162
Android (android.graphics.Color)	4287878109 (0xFF93D3DD)
YUV	193.0040, 13.8020, -40.3455
Hunter-Lab	76.1656, -19.9075, -6.6813

Details

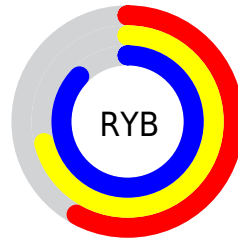
The Yxy color **58.0120, 0.2637, 0.3162** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6051, 0.3868, 0.3413**, and the grayscale version is **53.2678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **28.8573, 0.2516, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **54.6898, 0.2512, 0.3118**, and if you desaturate by 10%, it is **61.7591, 0.2774, 0.3204**.

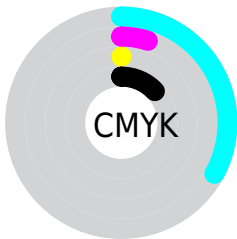
Distribution



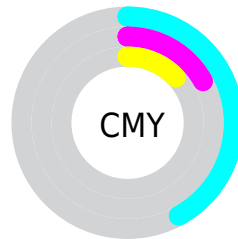
- Red (58%)
- Green (83%)
- Blue (87%)



- Red (58%)
- Yellow (71%)
- Blue (87%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (42%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0120, 0.2637, 0.3162 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 58.0120, 0.2637, 0.3162 by changing the saturation by 10% instead.


 58.0120, 0.2637,
0.3162

 58.0120, 0.2637,
0.3162


417.2306, 0.2869,
0.3228

 41.8183, 0.2583,
0.3145


 101.9403, 0.2719,
0.3186

 28.9590, 0.2515,
0.3123


 130.4438, 0.2750,
0.3195

 19.0498, 0.2429,
0.3094


163.8192, 0.2777,
0.3203

 11.7063, 0.2314,
0.3053

202.4511, 0.2800,
0.3209

 6.5440, 0.2156,
0.2992

246.7238, 0.2821,
0.3215

 3.1786, 0.1924,
0.2893

297.0216, 0.2839,

 1.2257, 0.1542,

0.3220

0.2714

353.7291, 0.2855,
0.3224

0.0825, 0.0000,
0.0849

0.0000, 0.0000,
0.0000

58.0120, 0.2637,
0.3162

58.0120, 0.2637,
0.3162

54.6898, 0.2512,
0.3118

61.7591, 0.2774,
0.3204

51.7628, 0.2401,
0.3072

65.9450, 0.2921,
0.3243

49.2084, 0.2308,
0.3024

70.5916, 0.3073,
0.3278

46.9984, 0.2233,
0.2976

75.7170, 0.3228,
0.3311

■ 45.1006, 0.2178,
0.2928

■ 80.8591, 0.3366,
0.3340

■ 43.4758, 0.2142,
0.2881

■ 82.5013, 0.3362,
0.3370

■ 42.5238, 0.2125,
0.2850

■ 84.1721, 0.3358,
0.3399

■ 85.8716, 0.3354,
0.3429

■ 87.6000, 0.3350,
0.3458

Harmonies

Analogous

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



58.0120, 0.2783, 0.3422



58.0120, 0.2637, 0.3162



58.0120, 0.2616, 0.2953

Triad

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



58.0120, 0.2637, 0.3162



58.0120, 0.3215, 0.2963



58.0120, 0.3535, 0.3747

Complementary

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



58.0120, 0.2637, 0.3162



41.6051, 0.3868, 0.3413

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.



58.0120, 0.3664, 0.3599



58.0120, 0.2637, 0.3162



58.0120, 0.3476, 0.3153

Square

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



58.0120, 0.2637, 0.3162



58.0120, 0.2940, 0.2852



58.0120, 0.3643, 0.3382



58.0120, 0.3299, 0.3773

Rectangle

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



58.0120, 0.2637, 0.3162



58.0120, 0.2675, 0.2869



58.0120, 0.3643, 0.3382



58.0120, 0.3593, 0.3709

Sweetspot

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



58.0143, 0.2637, 0.3162



93.2964, 0.2972, 0.3255



60.3612, 0.3022, 0.4148



19.7790, 0.2951, 0.3250



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.



58.0143, 0.2637, 0.3162



77.0121, 0.2550, 0.3132



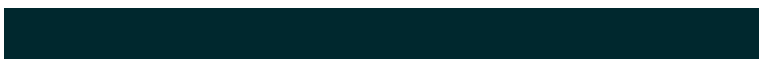
41.7515, 0.2574, 0.2670



14.5130, 0.2982, 0.3257



24.8177, 0.2127, 0.2858



1.6928, 0.2149, 0.2935

Inverse Universe

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



40.9462, 0.3256, 0.2563



50.4044, 0.3288, 0.2418



56.0153, 0.3725, 0.3839



13.2429, 0.3158, 0.3090



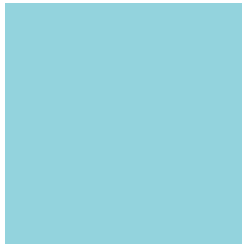
11.1291, 0.3582, 0.1747



0.7296, 0.3512, 0.1708

Previews

White Background



This preview shows how the Yxy color 58.0120, 0.2637, 0.3162 looks on a white background.

Color Contrast Check

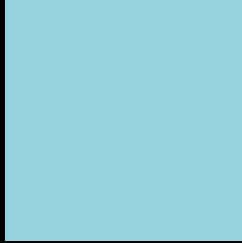
Large Text (above 18pt) WCAG AA × Fail

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 58.0120, 0.2637, 0.3162 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 58.0120, 0.2637, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 58.0120, 0.2637, 0.3162.

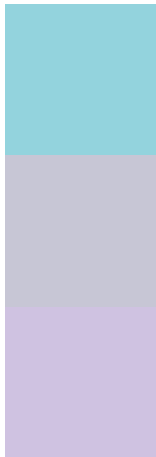


This preview shows how white text looks on a background with the Yxy color 58.0120, 0.2637, 0.3162.

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

58.0120, 0.2637, 0.3162

Protanopia

57.3344, 0.3027, 0.3113

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.9351, 0.2608, 0.3076

Trichromacy



Original Color

58.0120, 0.2637, 0.3162

Protanomaly

57.3730, 0.2869, 0.3131

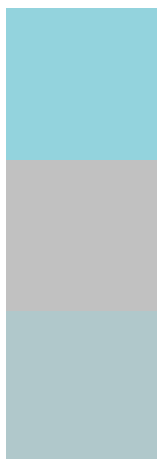
Deuteranomaly

57.0047, 0.2851, 0.3004

Tritanomaly

57.8253, 0.2619, 0.3101

Monochromacy



Original Color

58.0120, 0.2637, 0.3162

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8505, 0.2925, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0120, 0.2637, 0.3162 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(147, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(147, 211, 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(147, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 211, 221) }
```

Border

The CSS property to change the border of an element to Yxy 58.0120, 0.2637, 0.3162 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(147, 211, 221) }
```

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

```
.border{ border-color:rgb(147, 211, 221) }
```

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

Here you see how a box with a 4 pixel rgb(147, 211, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(147, 211,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0120, 0.2637, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 211, 221) }
```

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

```
.background{ background-color: rgb(147,  
211, 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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