

Converting Colors

Yxy(58.5314, 0.2640, 0.3057)

Have a look what the booklet for
Yxy(58.5314, 0.2640, 0.3057)
contains.

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Color

Yxy(58.6632, 0.2644, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	9BD2E4
RGB	155, 210, 228
RGB Percent	61%, 82%, 89%
CMY	0.3919, 0.1765, 0.1060
CMYK	0.32, 0.08, 0.00, 0.11
HSL	195°, 57%, 75%
HSV	195°, 32%, 89%
XYZ	50.5724, 58.6632, 82.0367
YIQ	195.6070, -38.5580, -6.0620

Conversions

Conversions Part 2

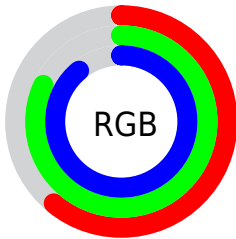
Format	Color
RYB	155, 186, 228
Decimal	10212068
CIELab	81.11, -13.40, -14.57
CIELCh	81, 19.791, 227.387
Yxy	58.6632, 0.2644, 0.3067
Android (android.graphics.Color)	4288402148 (0xFF9BD2E4)
YUV	195.6070, 15.9697, -35.6123
Hunter-Lab	76.5919, -16.1752, -9.8905

Details

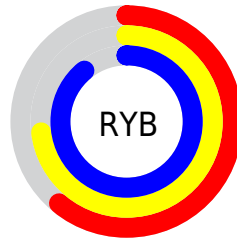
The Yxy color **58.6632, 0.2644, 0.3067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7587, 0.3795, 0.3501**, and the grayscale version is **54.8812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **29.2265, 0.2520, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **53.8909, 0.2506, 0.2985**, and if you desaturate by 10%, it is **63.9635, 0.2791, 0.3143**.

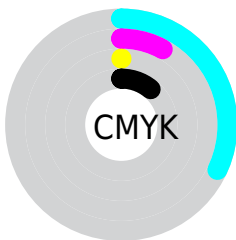
Distribution



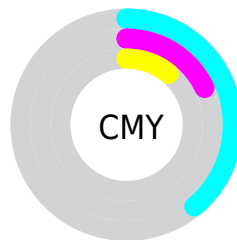
- Red (61%)
- Green (82%)
- Blue (89%)



- Red (61%)
- Yellow (73%)
- Blue (89%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (39%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6632, 0.2644, 0.3067 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 58.6632, 0.2644, 0.3067 by changing the saturation by 10% instead.

 58.6632, 0.2644,
0.3067

 58.6632, 0.2644,
0.3067


419.6526, 0.2872,
0.3178

 42.3421, 0.2591,
0.3040


 102.8880, 0.2724,
0.3107

 29.3692, 0.2525,
0.3005


 131.5605, 0.2755,
0.3122

 19.3603, 0.2440,
0.2960


165.1188, 0.2781,
0.3135

 11.9309, 0.2329,
0.2898

203.9474, 0.2804,
0.3146

 6.6967, 0.2175,
0.2809

248.4307, 0.2825,
0.3155

 3.2731, 0.1952,
0.2670

298.9531, 0.2842,

 1.2759, 0.1602,

0.3164

0.2429

355.8989, 0.2858,
0.3171

0.1225, 0.0000,
0.0952

0.0000, 0.0000,
0.0000

58.6632, 0.2644,
0.3067

58.6632, 0.2644,
0.3067

53.8909, 0.2506,
0.2985

63.9635, 0.2791,
0.3143

49.6147, 0.2380,
0.2899

69.8078, 0.2943,
0.3214

45.8093, 0.2269,
0.2809

76.2202, 0.3097,
0.3278

42.4443, 0.2176,
0.2717

83.2209, 0.3250,
0.3336

■ 39.4847, 0.2102,
0.2625

■ 88.0673, 0.3305,
0.3390

■ 36.8886, 0.2048,
0.2533

■ 91.3935, 0.3298,
0.3445

■ 35.0163, 0.2017,
0.2460

■ 94.8227, 0.3292,
0.3499

■ 98.3560, 0.3286,
0.3552

■ 98.3800, 0.3286,
0.3552

Harmonies

Analogous

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



58.6632, 0.2726, 0.3294



58.6632, 0.2644, 0.3067



58.6632, 0.2684, 0.2914

Triad

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



58.6632, 0.2644, 0.3067



58.6632, 0.3334, 0.3064



58.6632, 0.3410, 0.3744

Complementary

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



58.6632, 0.2644, 0.3067



48.7587, 0.3795, 0.3501

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.



58.6632, 0.3585, 0.3658



58.6632, 0.2644, 0.3067



58.6632, 0.3543, 0.3265

Square

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



58.6632, 0.2644, 0.3067



58.6632, 0.3075, 0.2920



58.6632, 0.3636, 0.3480



58.6632, 0.3163, 0.3700

Rectangle

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



58.6632, 0.2644, 0.3067



58.6632, 0.2776, 0.2868



58.6632, 0.3636, 0.3480



58.6632, 0.3479, 0.3728

Sweetspot

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



58.6655, 0.2644, 0.3067



91.5344, 0.2972, 0.3227



65.4281, 0.2984, 0.4007



19.3504, 0.2950, 0.3217



0.0000, 0.0000, 0.0000



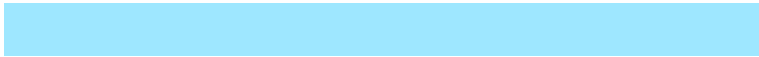
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6655, 0.2644, 0.3067



71.7121, 0.2556, 0.3016



43.0405, 0.2588, 0.2605



15.7028, 0.2981, 0.3231



20.4205, 0.2021, 0.2474



1.6526, 0.2058, 0.2607

Inverse Universe

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



44.6044, 0.3322, 0.2677



51.5235, 0.3371, 0.2557



64.2286, 0.3671, 0.3891



14.5513, 0.3175, 0.3115



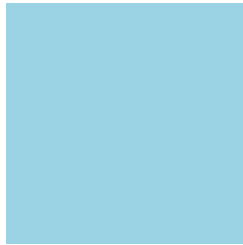
11.2592, 0.3948, 0.1949



0.8465, 0.3817, 0.1877

Previews

White Background



This preview shows how the Yxy color 58.6632, 0.2644, 0.3067 looks on a white background.

Color Contrast Check

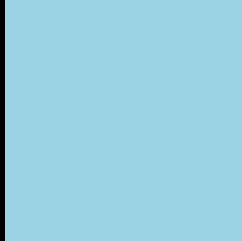
Large Text (above 18pt) WCAG AA × Fail

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 58.6632, 0.2644, 0.3067 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 58.6632, 0.2644, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 58.6632, 0.2644, 0.3067.



This preview shows how white text looks on a background with the Yxy color 58.6632, 0.2644, 0.3067.

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

58.6632, 0.2644, 0.3067

Protanopia

58.0731, 0.2965, 0.3033

Deuteranopia

58.3712, 0.2956, 0.2894



Tritanopia

58.6078, 0.2649, 0.3079

Trichromacy



Original Color

58.6632, 0.2644, 0.3067

Protanomaly

58.0388, 0.2832, 0.3038

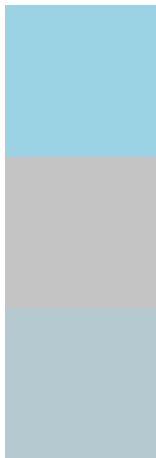
Deuteranomaly

58.0513, 0.2828, 0.2949

Tritanomaly

58.6078, 0.2649, 0.3079

Monochromacy



Original Color

58.6632, 0.2644, 0.3067

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1511, 0.2928, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6632, 0.2644, 0.3067 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(155, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(155, 210, 228)  
}
```

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(155, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 210, 228) }
```

Border

The CSS property to change the border of an element to Yxy 58.6632, 0.2644, 0.3067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

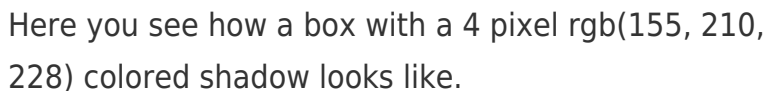
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 210, 228) }
```

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

```
.border{ border-color:rgb(155, 210, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(155, 210,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6632, 0.2644, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 210, 228) }
```

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

```
.background{ background-color: rgb(155,  
210, 228) }
```

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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