

Converting Colors

$Y_{xy}(58.2053, 0.2671, 0.3091)$

Have a look what the booklet for
Yxy(58.2053, 0.2671, 0.3091)
contains.

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Color

Yxy(58.2053, 0.2671, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	9DD1E1
RGB	157, 209, 225
RGB Percent	62%, 82%, 88%
CMY	0.3842, 0.1804, 0.1177
CMYK	0.30, 0.07, 0.00, 0.12
HSL	194°, 53%, 75%
HSV	194°, 30%, 88%
XYZ	50.2965, 58.2053, 79.8040
YIQ	195.2760, -36.1280, -6.0480

Conversions

Conversions Part 2

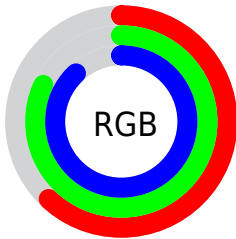
Format	Color
RYB	157, 186, 225
Decimal	10342881
CIELab	80.85, -13.05, -13.34
CIElCh	81, 18.655, 225.630
Yxy	58.2053, 0.2671, 0.3091
Android (android.graphics.Color)	4288532961 (0xFF9DD1E1)
YUV	195.2760, 14.6539, -33.5681
Hunter-Lab	76.2924, -15.8339, -8.6143

Details

The Yxy color **58.2053, 0.2671, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3279, 0.3749, 0.3479**, and the grayscale version is **54.6766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **29.2285, 0.2555, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **53.5957, 0.2532, 0.3014**, and if you desaturate by 10%, it is **63.3224, 0.2818, 0.3163**.

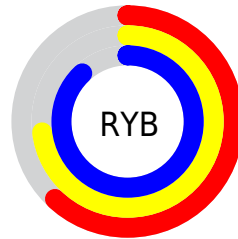
Distribution



Red (62%)

Green (82%)

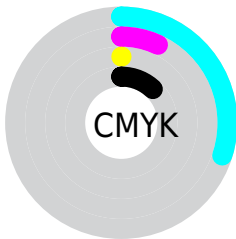
Blue (88%)



Red (62%)

Yellow (73%)

Blue (88%)

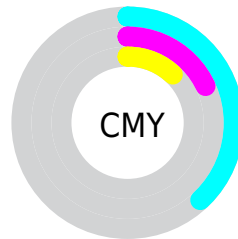


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2053, 0.2671, 0.3091 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 58.2053, 0.2671, 0.3091 by changing the saturation by 10% instead.

■ 58.2053, 0.2671,
0.3091

■ 58.2053, 0.2671,
0.3091

■ 417.9505, 0.2887,
0.3190

■ 41.9737, 0.2621,
0.3067

■ 102.2218, 0.2747,
0.3127

■ 29.0807, 0.2558,
0.3036

■ 130.7754, 0.2776,
0.3140

■ 19.1419, 0.2477,
0.2995

■ 164.2053, 0.2801,
0.3152

■ 11.7728, 0.2370,
0.2939

■ 202.8956, 0.2823,
0.3162

■ 6.5892, 0.2223,
0.2857

■ 247.2309, 0.2842,
0.3170

■ 3.2065, 0.2006,
0.2730

■ 297.5956, 0.2859,

■ 1.2405, 0.1664,

0.3178

0.2506

354.3740, 0.2874,
0.3184

0.0944, 0.0000,
0.0835

0.0000, 0.0000,
0.0000

58.2053, 0.2671,
0.3091

58.2053, 0.2671,
0.3091

53.5957, 0.2532,
0.3014

63.3224, 0.2818,
0.3163

49.4630, 0.2405,
0.2933

68.9620, 0.2970,
0.3229

45.7835, 0.2293,
0.2848

75.1469, 0.3124,
0.3289

42.5283, 0.2198,
0.2761

81.8965, 0.3277,
0.3343

■ 39.6647, 0.2122,
0.2673

■ 86.3716, 0.3327,
0.3394

■ 37.1537, 0.2067,
0.2586

■ 89.4539, 0.3321,
0.3446

■ 34.9708, 0.2028,
0.2501

■ 92.6270, 0.3314,
0.3497

■ 95.8919, 0.3308,
0.3547

■ 98.2152, 0.3304,
0.3582

Harmonies

Analogous

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



58.2053, 0.2755, 0.3308



58.2053, 0.2671, 0.3091



58.2053, 0.2703, 0.2940

Triad

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



58.2053, 0.2671, 0.3091



58.2053, 0.3310, 0.3066



58.2053, 0.3407, 0.3717

Complementary

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



58.2053, 0.2671, 0.3091



48.3279, 0.3749, 0.3479

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.



58.2053, 0.3567, 0.3630



58.2053, 0.2671, 0.3091



58.2053, 0.3511, 0.3255

Square

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



58.2053, 0.2671, 0.3091



58.2053, 0.3064, 0.2933



58.2053, 0.3606, 0.3459



58.2053, 0.3176, 0.3683

Rectangle

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



58.2053, 0.2671, 0.3091



58.2053, 0.2786, 0.2893



58.2053, 0.3606, 0.3459



58.2053, 0.3471, 0.3700

Sweetspot

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



58.2076, 0.2671, 0.3091



92.5093, 0.2988, 0.3236



64.0235, 0.2991, 0.3960



19.5537, 0.2965, 0.3227



0.0000, 0.0000, 0.0000



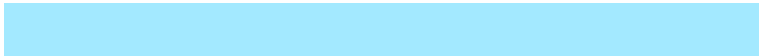
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2076, 0.2671, 0.3091



73.5404, 0.2586, 0.3045



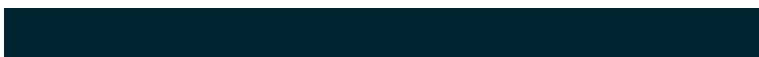
43.3222, 0.2621, 0.2650



14.9974, 0.2982, 0.3234



20.3429, 0.2032, 0.2515



1.5439, 0.2069, 0.2648

Inverse Universe

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



44.7299, 0.3302, 0.2704



53.4324, 0.3346, 0.2586



62.9973, 0.3637, 0.3857



13.8776, 0.3174, 0.3112



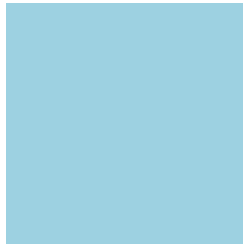
10.9617, 0.3907, 0.1926



0.7733, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 58.2053, 0.2671, 0.3091 looks on a white background.

Color Contrast Check

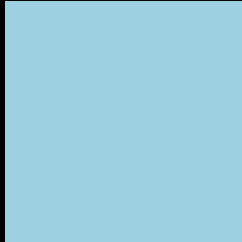
Large Text (above 18pt) WCAG AA × Fail

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 58.2053, 0.2671, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

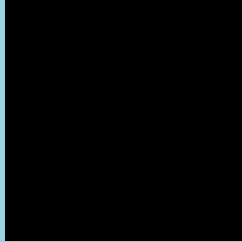
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

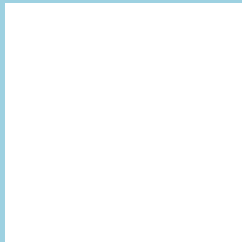
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2053, 0.2671, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 58.2053, 0.2671, 0.3091.



This preview shows how white text looks on a background with the Yxy color 58.2053, 0.2671, 0.3091.

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

58.2053, 0.2671, 0.3091

Protanopia

57.9671, 0.2978, 0.3056

Deuteranopia

57.7535, 0.2976, 0.2914



Tritanopia

58.2600, 0.2665, 0.3079

Trichromacy



Original Color

58.2053, 0.2671, 0.3091

Protanomaly

57.9996, 0.2858, 0.3074

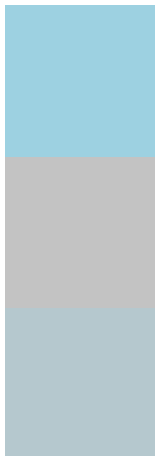
Deuteranomaly

57.5460, 0.2853, 0.2971

Tritanomaly

58.2600, 0.2665, 0.3079

Monochromacy



Original Color

58.2053, 0.2671, 0.3091

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5885, 0.2941, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2053, 0.2671, 0.3091 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(157, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 225)  
}
```

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(157, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 58.2053, 0.2671, 0.3091 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(157, 209, 225) }
```

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

```
.border{ border-color:rgb(157, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 209, 225); box-shadow:4px 4px 4px 4px rgb(157, 209, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2053, 0.2671, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 209, 225) }
```

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

```
.background{ background-color: rgb(157,  
209, 225) }
```

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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