

Converting Colors

$Yxy(58.3020, 0.2675, 0.3101)$

Have a look what the booklet for
Yxy(58.3020, 0.2675, 0.3101)
contains.

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Color

Yxy(58.1508, 0.2676, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	9DD1E0
RGB	157, 209, 224
RGB Percent	62%, 82%, 88%
CMY	0.3846, 0.1803, 0.1216
CMYK	0.30, 0.07, 0.00, 0.12
HSL	193°, 52%, 75%
HSV	193°, 30%, 88%
XYZ	50.1487, 58.1508, 79.1023
YIQ	195.1620, -35.8070, -6.3590

Conversions

Conversions Part 2

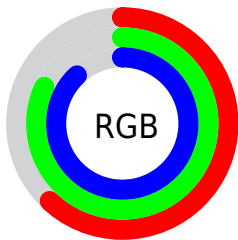
Format	Color
R _{YB}	157, 186, 224
Decimal	10342880
CIE Lab	80.82, -13.31, -12.86
CIE LCh	81, 18.507, 224.007
Yxy	58.1508, 0.2676, 0.3103
Android (android.graphics.Color)	4288532960 (0xFF9DD1E0)
YUV	195.1620, 14.2171, -33.4681
Hunter-Lab	76.2567, -16.0621, -8.1228

Details

The Yxy color **58.1508, 0.2676, 0.3103** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7503, 0.3745, 0.3468**, and the grayscale version is **54.5974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **29.1908, 0.2562, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **53.6869, 0.2538, 0.3030**, and if you desaturate by 10%, it is **63.1094, 0.2822, 0.3171**.

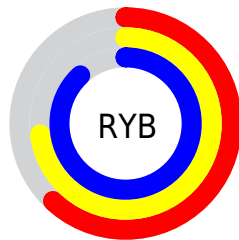
Distribution



Red (62%)

Green (82%)

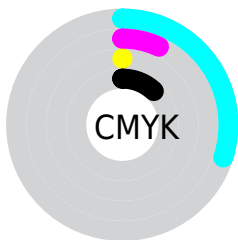
Blue (88%)



Red (62%)

Yellow (73%)

Blue (88%)

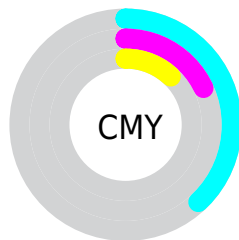


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (38%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1508, 0.2676, 0.3103 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 58.1508, 0.2676, 0.3103 by changing the saturation by 10% instead.


 58.1508, 0.2676,
0.3103


 58.1508, 0.2676,
0.3103


417.7476, 0.2890,
0.3196

 41.9299, 0.2626,
0.3080


 102.1424, 0.2751,
0.3137

 29.0464, 0.2564,
0.3051


 130.6819, 0.2780,
0.3149

 19.1159, 0.2484,
0.3012


164.0964, 0.2805,
0.3160

 11.7541, 0.2378,
0.2959

202.7703, 0.2826,
0.3170

 6.5764, 0.2232,
0.2881

247.0880, 0.2845,
0.3178

 3.1987, 0.2016,
0.2759

297.4338, 0.2862,

 1.2363, 0.1674,

0.3185

0.2544

354.1922, 0.2877,
0.3191

0.0911, 0.0000,
0.0836

0.0000, 0.0000,
0.0000

58.1508, 0.2676,
0.3103

58.1508, 0.2676,
0.3103

53.6869, 0.2538,
0.3030

63.1094, 0.2822,
0.3171

49.6874, 0.2412,
0.2953

68.5774, 0.2974,
0.3233

46.1293, 0.2301,
0.2873

74.5771, 0.3128,
0.3290

42.9841, 0.2207,
0.2791

81.1276, 0.3282,
0.3342

■ 40.2197, 0.2133,
0.2708

■ 85.5087, 0.3335,
0.3390

■ 37.7979, 0.2078,
0.2626

■ 88.3987, 0.3329,
0.3439

■ 35.6526, 0.2040,
0.2544

■ 91.3699, 0.3323,
0.3487

■ 35.6409, 0.2040,
0.2544

■ 94.4228, 0.3317,
0.3535

■ 97.5581, 0.3311,
0.3583

Harmonies

Analogous

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



58.1508, 0.2766, 0.3320



58.1508, 0.2676, 0.3103



58.1508, 0.2701, 0.2949

Triad

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



58.1508, 0.2676, 0.3103



58.1508, 0.3295, 0.3059



58.1508, 0.3416, 0.3712

Complementary

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



58.1508, 0.2676, 0.3103



47.7503, 0.3745, 0.3468

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.



58.1508, 0.3569, 0.3620



58.1508, 0.2676, 0.3103



58.1508, 0.3499, 0.3245

Square

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



58.1508, 0.2676, 0.3103



58.1508, 0.3051, 0.2931



58.1508, 0.3601, 0.3448



58.1508, 0.3188, 0.3685

Rectangle

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



58.1508, 0.2676, 0.3103



58.1508, 0.2780, 0.2898



58.1508, 0.3601, 0.3448



58.1508, 0.3478, 0.3693

Sweetspot

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



58.1531, 0.2676, 0.3103



92.6769, 0.2988, 0.3239



63.4309, 0.2999, 0.3968



19.5952, 0.2965, 0.3230



0.0000, 0.0000, 0.0000



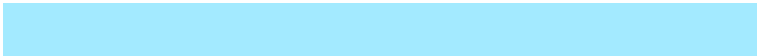
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1531, 0.2676, 0.3103



74.1553, 0.2588, 0.3058



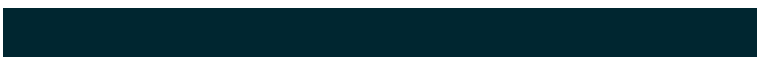
43.5668, 0.2628, 0.2671



15.0258, 0.2982, 0.3236



20.9239, 0.2043, 0.2556



1.5797, 0.2078, 0.2682

Inverse Universe

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



44.5415, 0.3293, 0.2701



53.4944, 0.3337, 0.2576



61.9408, 0.3636, 0.3840



13.8805, 0.3172, 0.3110



11.0203, 0.3867, 0.1904



0.7769, 0.3745, 0.1837

Previews

White Background



This preview shows how the Yxy color 58.1508, 0.2676, 0.3103 looks on a white background.

Color Contrast Check

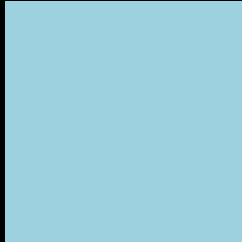
Large Text (above 18pt) WCAG AA × Fail

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 58.1508, 0.2676, 0.3103 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

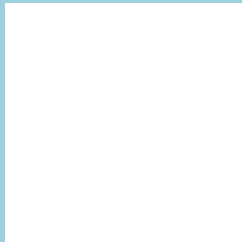
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1508, 0.2676, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 58.1508, 0.2676, 0.3103.



This preview shows how white text looks on a background with the Yxy color 58.1508, 0.2676, 0.3103.

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

58.1508, 0.2676, 0.3103

Protanopia

57.9146, 0.2985, 0.3067

Deuteranopia

57.8417, 0.2990, 0.2926



Tritanopia

58.2600, 0.2665, 0.3079

Trichromacy



Original Color

58.1508, 0.2676, 0.3103

Protanomaly

57.9465, 0.2865, 0.3085

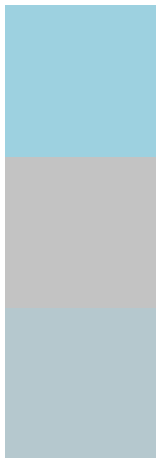
Deuteranomaly

57.6184, 0.2867, 0.2983

Tritanomaly

58.2053, 0.2671, 0.3091

Monochromacy



Original Color

58.1508, 0.2676, 0.3103

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 58.1508, 0.2676, 0.3103 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.1508, 0.2676, 0.3103 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, 224) }
```

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

```
.border{ border-color:rgb(157, 209, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(157, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1508, 0.2676, 0.3103 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, 224) }
```

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

```
.background{ background-color: rgb(157,  
209, 224) }
```

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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