

Converting Colors

$Yxy(58.7072, 0.2655, 0.3079)$

Have a look what the booklet for
Yxy(58.7072, 0.2655, 0.3079)
contains.

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Color

Yxy(58.7072, 0.2655, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	9CD2E3
RGB	156, 210, 227
RGB Percent	61%, 82%, 89%
CMY	0.3882, 0.1765, 0.1098
CMYK	0.31, 0.07, 0.00, 0.11
HSL	194°, 56%, 75%
HSV	194°, 31%, 89%
XYZ	50.6228, 58.7072, 81.3397
YIQ	195.7920, -37.6410, -6.1610

Conversions

Conversions Part 2

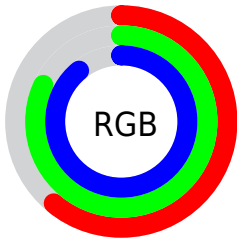
Format	Color
R _{YB}	156, 187, 227
Decimal	10277603
CIE Lab	81.13, -13.37, -14.01
CIE LCh	81, 19.363, 226.333
Yxy	58.7072, 0.2655, 0.3079
Android (android.graphics.Color)	4288467683 (0xFF9CD2E3)
YUV	195.7920, 15.3855, -34.8976
Hunter-Lab	76.6206, -16.1522, -9.3072

Details

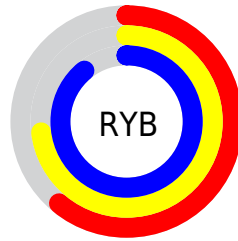
The Yxy color **58.7072, 0.2655, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6224, 0.3778, 0.3490**, and the grayscale version is **54.9957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **29.2460, 0.2534, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **54.0135, 0.2517, 0.3000**, and if you desaturate by 10%, it is **63.9199, 0.2802, 0.3153**.

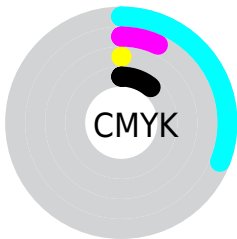
Distribution



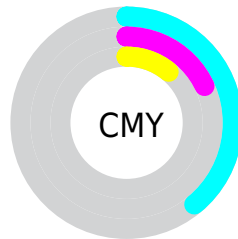
- Red (61%)
- Green (82%)
- Blue (89%)



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



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7072, 0.2655, 0.3079 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 58.7072, 0.2655, 0.3079 by changing the saturation by 10% instead.

 58.7072, 0.2655,
0.3079


 58.7072, 0.2655,
0.3079


419.8160, 0.2878,
0.3184

 42.3775, 0.2603,
0.3053


 102.9520, 0.2733,
0.3117

 29.3970, 0.2538,
0.3020


 131.6358, 0.2763,
0.3131

 19.3813, 0.2456,
0.2977


165.2065, 0.2789,
0.3143

 11.9461, 0.2346,
0.2919

204.0484, 0.2812,
0.3154

 6.7070, 0.2196,
0.2833

248.5459, 0.2832,
0.3163

 3.2796, 0.1976,
0.2701

299.0834, 0.2849,

 1.2794, 0.1631,

0.3171

0.2470

356.0453, 0.2864,
0.3178

0.1251, 0.0000,
0.1002

0.0000, 0.0000,
0.0000

58.7072, 0.2655,
0.3079

58.7072, 0.2655,
0.3079

54.0135, 0.2517,
0.3000

63.9199, 0.2802,
0.3153

49.8073, 0.2391,
0.2917

69.6674, 0.2953,
0.3221

46.0642, 0.2279,
0.2830

75.9730, 0.3107,
0.3283

42.7542, 0.2186,
0.2741

82.8568, 0.3261,
0.3338

■ 39.8430, 0.2112,
0.2651

■ 87.4812, 0.3312,
0.3391

■ 37.2901, 0.2058,
0.2562

■ 90.6803, 0.3306,
0.3444

■ 35.2973, 0.2024,
0.2485

■ 93.9756, 0.3299,
0.3496

■ 97.3681, 0.3293,
0.3548

■ 98.3264, 0.3292,
0.3562

Harmonies

Analogous

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



58.7072, 0.2739, 0.3303



58.7072, 0.2655, 0.3079



58.7072, 0.2690, 0.2925

Triad

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



58.7072, 0.2655, 0.3079



58.7072, 0.3321, 0.3063



58.7072, 0.3411, 0.3733

Complementary

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



58.7072, 0.2655, 0.3079



48.6224, 0.3778, 0.3490

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.



58.7072, 0.3579, 0.3645



58.7072, 0.2655, 0.3079



58.7072, 0.3528, 0.3259

Square

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



58.7072, 0.2655, 0.3079



58.7072, 0.3067, 0.2924



58.7072, 0.3624, 0.3469



58.7072, 0.3171, 0.3695

Rectangle

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



58.7072, 0.2655, 0.3079



58.7072, 0.2778, 0.2878



58.7072, 0.3624, 0.3469



58.7072, 0.3478, 0.3716

Sweetspot

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



58.7095, 0.2655, 0.3079



92.4476, 0.2988, 0.3235



65.0103, 0.2987, 0.3988



19.5385, 0.2965, 0.3226



0.0000, 0.0000, 0.0000



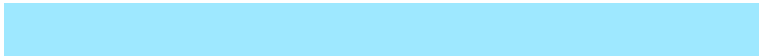
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7095, 0.2655, 0.3079



72.0973, 0.2558, 0.3025



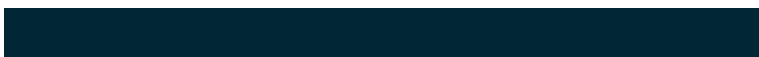
43.2509, 0.2601, 0.2623



15.7207, 0.2981, 0.3232



20.7737, 0.2028, 0.2499



1.6761, 0.2063, 0.2628

Inverse Universe

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



44.7638, 0.3312, 0.2686



51.5624, 0.3365, 0.2551



63.8793, 0.3658, 0.3878



14.5531, 0.3174, 0.3113



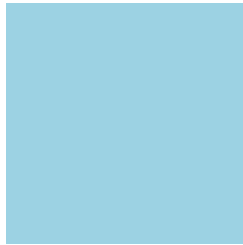
11.2948, 0.3923, 0.1935



0.8489, 0.3797, 0.1865

Previews

White Background



This preview shows how the Yxy color 58.7072, 0.2655, 0.3079 looks on a white background.

Color Contrast Check

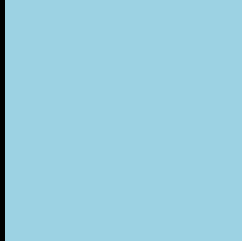
Large Text (above 18pt) WCAG AA × Fail

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 58.7072, 0.2655, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

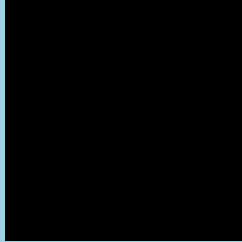
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7072, 0.2655, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 58.7072, 0.2655, 0.3079.



This preview shows how white text looks on a background with the Yxy color 58.7072, 0.2655, 0.3079.

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

58.7072, 0.2655, 0.3079

Protanopia

58.1563, 0.2979, 0.3045

Deuteranopia

58.4584, 0.2970, 0.2905



Tritanopia

58.7072, 0.2655, 0.3079

Trichromacy



Original Color

58.7072, 0.2655, 0.3079

Protanomaly

58.1069, 0.2846, 0.3051

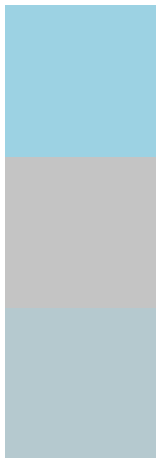
Deuteranomaly

58.1218, 0.2841, 0.2961

Tritanomaly

58.7072, 0.2655, 0.3079

Monochromacy



Original Color

58.7072, 0.2655, 0.3079

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1020, 0.2935, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7072, 0.2655, 0.3079 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, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(156, 210, 227)  
}
```

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, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 210, 227) }
```

Border

The CSS property to change the border of an element to Yxy 58.7072, 0.2655, 0.3079 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, 210, 227) }
```

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

```
.border{ border-color:rgb(156, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(156, 210,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7072, 0.2655, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 210, 227) }
```

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

```
.background{ background-color: rgb(156,  
210, 227) }
```

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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