

Converting Colors

$Yxy(61.2883, 0.2679, 0.3138)$

Have a look what the booklet for
Yxy(61.2883, 0.2679, 0.3138)
contains.

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Color

Yxy(61.5179, 0.2680, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	9FD7E3
RGB	159, 215, 227
RGB Percent	62%, 84%, 89%
CMY	0.3763, 0.1569, 0.1097
CMYK	0.30, 0.05, 0.00, 0.11
HSL	191°, 55%, 76%
HSV	191°, 30%, 89%
XYZ	52.4723, 61.5179, 81.8020
YIQ	199.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

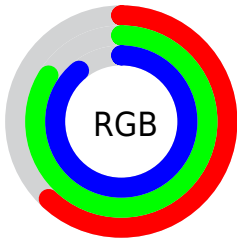
Format	Color
R _Y B	159, 190, 227
Decimal	10475491
CIE Lab	82.66, -15.07, -11.72
CIE LCh	83, 19.090, 217.869
Yxy	61.5179, 0.2680, 0.3142
Android (android.graphics.Color)	4288665571 (0xFF9FD7E3)
YUV	199.6240, 13.4964, -35.6272
Hunter-Lab	78.4333, -17.8410, -6.9331

Details

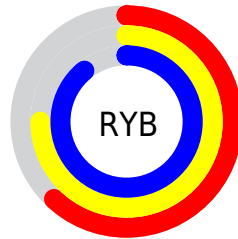
The Yxy color **61.5179, 0.2680, 0.3142** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9951, 0.3756, 0.3432**, and the grayscale version is **57.4552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **31.1234, 0.2568, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **57.3861, 0.2546, 0.3085**, and if you desaturate by 10%, it is **66.1312, 0.2824, 0.3196**.

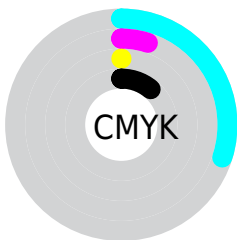
Distribution



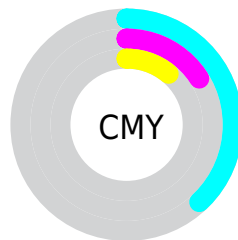
- Red (62%)
- Green (84%)
- Blue (89%)



- Red (62%)
- Yellow (75%)
- Blue (89%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)





- Cyan (38%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5179, 0.2680, 0.3142 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 61.5179, 0.2680, 0.3142 by changing the saturation by 10% instead.


 61.5179, 0.2680,
0.3142

 61.5179, 0.2680,
0.3142


430.1704, 0.2890,
0.3216

 44.6433, 0.2631,
0.3124


 107.0285, 0.2753,
0.3169

 31.1765, 0.2571,
0.3100


 136.4332, 0.2782,
0.3179

 20.7333, 0.2494,
0.3070

170.7834, 0.2806,
0.3187

 12.9292, 0.2393,
0.3027

210.4634, 0.2827,
0.3195

 7.3798, 0.2254,
0.2966

255.8578, 0.2846,
0.3201

 3.7007, 0.2052,
0.2869

307.3508, 0.2862,

 1.5076, 0.1736,

0.3207

0.2699

365.3268, 0.2877,
0.3212

0.2941, 0.0000,
0.2036

0.0000, 0.0000,
0.0000

61.5179, 0.2680,
0.3142

61.5179, 0.2680,
0.3142

57.3861, 0.2546,
0.3085

66.1312, 0.2824,
0.3196

53.7047, 0.2425,
0.3025

71.2406, 0.2974,
0.3245

50.4501, 0.2320,
0.2962

76.8689, 0.3128,
0.3290

47.5936, 0.2233,
0.2898

83.0354, 0.3283,
0.3331

■ 45.1021, 0.2166,
0.2834

■ 86.2753, 0.3314,
0.3370

■ 42.9366, 0.2117,
0.2770

■ 88.6040, 0.3310,
0.3409

■ 41.0297, 0.2085,
0.2707

■ 90.9850, 0.3305,
0.3448

■ 41.0199, 0.2085,
0.2706

■ 93.4187, 0.3300,
0.3487

■ 95.9054, 0.3296,
0.3525

Harmonies

Analogous

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



61.5179, 0.2793, 0.3368



61.5179, 0.2680, 0.3142



61.5179, 0.2681, 0.2969

Triad

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



61.5179, 0.2680, 0.3142



61.5179, 0.3248, 0.3024



61.5179, 0.3459, 0.3707

Complementary

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



61.5179, 0.2680, 0.3142



47.9951, 0.3756, 0.3432

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.



61.5179, 0.3592, 0.3593



61.5179, 0.2680, 0.3142



61.5179, 0.3468, 0.3203

Square

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



61.5179, 0.2680, 0.3142



61.5179, 0.3001, 0.2910



61.5179, 0.3596, 0.3408



61.5179, 0.3239, 0.3706

Rectangle

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



61.5179, 0.2680, 0.3142



61.5179, 0.2746, 0.2904



61.5179, 0.3596, 0.3408



61.5179, 0.3515, 0.3680

Sweetspot

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



61.5204, 0.2680, 0.3142



93.3393, 0.2988, 0.3249



65.2458, 0.3019, 0.4014



19.7593, 0.2965, 0.3242



0.0000, 0.0000, 0.0000



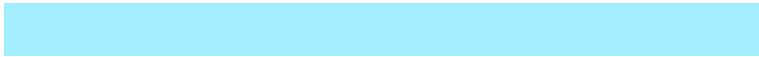
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5204, 0.2680, 0.3142



76.6136, 0.2595, 0.3106



46.2574, 0.2632, 0.2715



15.8795, 0.2981, 0.3247



24.0709, 0.2088, 0.2716



1.8929, 0.2114, 0.2809

Inverse Universe

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



46.0519, 0.3265, 0.2668



53.7426, 0.3301, 0.2537



62.2005, 0.3647, 0.3804



14.5691, 0.3165, 0.3099



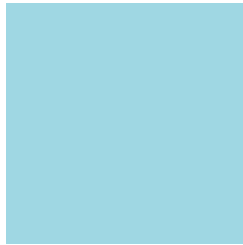
11.6277, 0.3713, 0.1819



0.8708, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 61.5179, 0.2680, 0.3142 looks on a white background.

Color Contrast Check

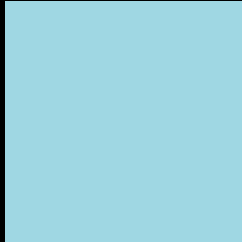
Large Text (above 18pt) WCAG AA × Fail

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 61.5179, 0.2680, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

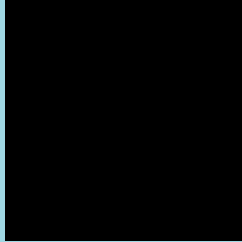
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5179, 0.2680, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 61.5179, 0.2680, 0.3142.

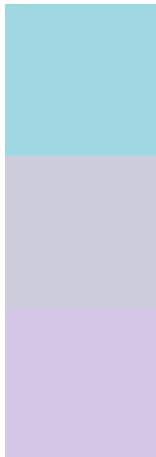


This preview shows how white text looks on a background with the Yxy color 61.5179, 0.2680, 0.3142.

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

61.5179, 0.2680, 0.3142

Protanopia

61.1904, 0.3016, 0.3106

Deuteranopia

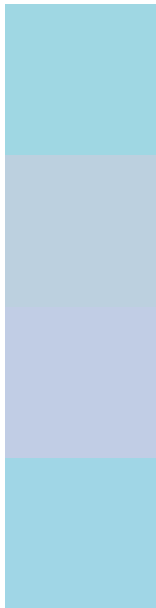
61.1679, 0.3014, 0.2956



Tritanopia

61.3362, 0.2662, 0.3083

Trichromacy



Original Color

61.5179, 0.2680, 0.3142

Protanomaly

61.1308, 0.2883, 0.3113

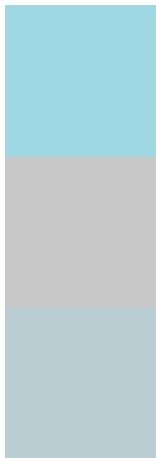
Deuteranomaly

60.6572, 0.2878, 0.3012

Tritanomaly

61.2799, 0.2668, 0.3095

Monochromacy



Original Color

61.5179, 0.2680, 0.3142

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6301, 0.2945, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5179, 0.2680, 0.3142 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(159, 215, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 215, 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(159, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 215, 227) }
```

Border

The CSS property to change the border of an element to Yxy 61.5179, 0.2680, 0.3142 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(159, 215, 227) }
```

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

```
.border{ border-color:rgb(159, 215, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 215, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 215,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5179, 0.2680, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 215, 227) }
```

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

```
.background{ background-color: rgb(159,  
215, 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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