

Converting Colors

$Yxy(60.3463, 0.2676, 0.3115)$

Have a look what the booklet for
Yxy(60.3463, 0.2676, 0.3115)
contains.

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Color

Yxy(60.5055, 0.2677, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	9FD5E3
RGB	159, 213, 227
RGB Percent	62%, 84%, 89%
CMY	0.3767, 0.1646, 0.1099
CMYK	0.30, 0.06, 0.00, 0.11
HSL	192°, 55%, 76%
HSV	192°, 30%, 89%
XYZ	51.9478, 60.5055, 81.5990
YIQ	198.4500, -36.6780, -7.0940

Conversions

Conversions Part 2

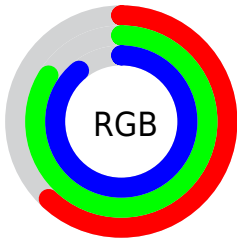
Format	Color
R _Y B	159, 189, 227
Decimal	10474979
CIE _{Lab}	82.11, -14.10, -12.51
CIE _{LCh}	82, 18.844, 221.581
Y _{xy}	60.5055, 0.2677, 0.3118
Android (android.graphics.Color)	4288665059 (0xFF9FD5E3)
YUV	198.4500, 14.0752, -34.5976
Hunter-Lab	77.7853, -16.9156, -7.7472

Details

The Yxy color **60.5055, 0.2677, 0.3118** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6847, 0.3750, 0.3455**, and the grayscale version is **56.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **30.4355, 0.2563, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **56.0867, 0.2541, 0.3051**, and if you desaturate by 10%, it is **65.4225, 0.2822, 0.3180**.

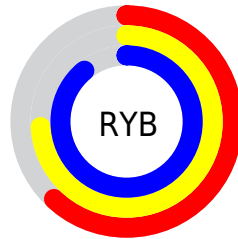
Distribution



Red (62%)

Green (84%)

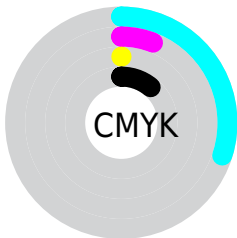
Blue (89%)



Red (62%)

Yellow (74%)

Blue (89%)

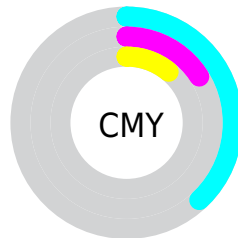


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (38%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5055, 0.2677, 0.3118 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 60.5055, 0.2677, 0.3118 by changing the saturation by 10% instead.


 60.5055, 0.2677,
0.3118


 60.5055, 0.2677,
0.3118


426.4585, 0.2889,
0.3204

 43.8262, 0.2628,
0.3097

 105.5626, 0.2751,
0.3149

 30.5339, 0.2567,
0.3070


 134.7092, 0.2780,
0.3161

 20.2442, 0.2489,
0.3035


168.7804, 0.2804,
0.3170

 12.5727, 0.2386,
0.2986

208.1605, 0.2826,
0.3179

 7.1350, 0.2244,
0.2916

253.2340, 0.2844,
0.3186

 3.5466, 0.2038,
0.2807

304.3852, 0.2861,

 1.4233, 0.1715,

0.3193

0.2615

361.9986, 0.2876,
0.3199

■ 0.2338, 0.0000,
0.1704

■ 0.0000, 0.0000,
0.0000

■ 60.5055, 0.2677,
0.3118

■ 60.5055, 0.2677,
0.3118

■ 56.0867, 0.2541,
0.3051

■ 65.4225, 0.2822,
0.3180

■ 52.1350, 0.2417,
0.2981

■ 70.8525, 0.2974,
0.3238

■ 48.6266, 0.2308,
0.2908

■ 76.8187, 0.3128,
0.3290

■ 45.5323, 0.2217,
0.2833

■ 83.3404, 0.3282,
0.3337

■ 42.8191, 0.2145,
0.2757

■ 86.9764, 0.3313,
0.3383

■ 40.4477, 0.2093,
0.2682

■ 89.6993, 0.3308,
0.3428

■ 38.3502, 0.2058,
0.2607

■ 92.4927, 0.3302,
0.3473

■ 38.3443, 0.2058,
0.2607

■ 95.3572, 0.3297,
0.3518

■ 98.2933, 0.3292,
0.3562

Harmonies

Analogous

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



60.5055, 0.2776, 0.3339



60.5055, 0.2677, 0.3118



60.5055, 0.2693, 0.2956

Triad

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



60.5055, 0.2677, 0.3118



60.5055, 0.3277, 0.3045



60.5055, 0.3433, 0.3711

Complementary

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



60.5055, 0.2677, 0.3118



48.6847, 0.3750, 0.3455

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.



60.5055, 0.3578, 0.3610



60.5055, 0.2677, 0.3118



60.5055, 0.3488, 0.3228

Square

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



60.5055, 0.2677, 0.3118



60.5055, 0.3032, 0.2923



60.5055, 0.3600, 0.3432



60.5055, 0.3208, 0.3694

Rectangle

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



60.5055, 0.2677, 0.3118



60.5055, 0.2766, 0.2900



60.5055, 0.3600, 0.3432



60.5055, 0.3493, 0.3689

Sweetspot

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



60.5079, 0.2677, 0.3118



92.9351, 0.2988, 0.3243



65.2939, 0.3006, 0.3985



19.6591, 0.2965, 0.3235



0.0000, 0.0000, 0.0000



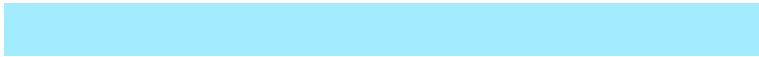
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5079, 0.2677, 0.3118



75.1084, 0.2590, 0.3077



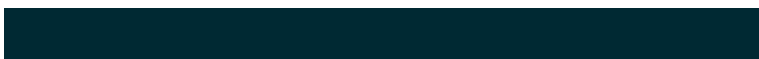
45.2963, 0.2628, 0.2685



15.8075, 0.2981, 0.3241



22.5385, 0.2061, 0.2618



1.7926, 0.2091, 0.2727

Inverse Universe

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



45.9128, 0.3282, 0.2687



53.5907, 0.3323, 0.2561



63.2481, 0.3640, 0.3829



14.5619, 0.3169, 0.3105



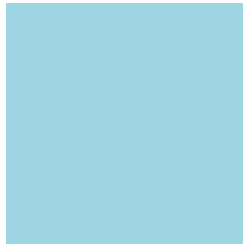
11.4730, 0.3806, 0.1870



0.8606, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 60.5055, 0.2677, 0.3118 looks on a white background.

Color Contrast Check

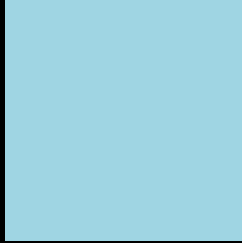
Large Text (above 18pt) WCAG AA × Fail

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 60.5055, 0.2677, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

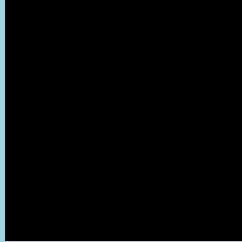
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5055, 0.2677, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 60.5055, 0.2677, 0.3118.

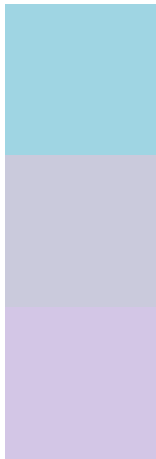


This preview shows how white text looks on a background with the Yxy color 60.5055, 0.2677, 0.3118.

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

60.5055, 0.2677, 0.3118

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

59.9502, 0.3000, 0.2932



Tritanopia

60.7753, 0.2666, 0.3082

Trichromacy



Original Color

60.5055, 0.2677, 0.3118

Protanomaly

59.9094, 0.2868, 0.3088

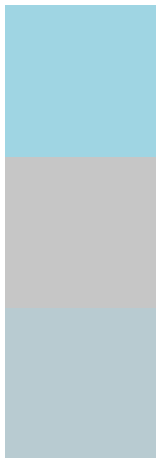
Deuteranomaly

59.5755, 0.2870, 0.2987

Tritanomaly

60.7192, 0.2672, 0.3094

Monochromacy



Original Color

60.5055, 0.2677, 0.3118

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5057, 0.2944, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5055, 0.2677, 0.3118 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, 213, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 213, 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, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 213, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.5055, 0.2677, 0.3118 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, 213, 227) }
```

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

```
.border{ border-color:rgb(159, 213, 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, 213, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 213,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5055, 0.2677, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 213, 227) }
```

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

```
.background{ background-color: rgb(159,  
213, 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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