

Converting Colors

$Yxy(60.3594, 0.2702, 0.3182)$

Have a look what the booklet for
Yxy(60.3594, 0.2702, 0.3182)
contains.

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Color

Yxy(60.1315, 0.2699, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	9ED5DE
RGB	158, 213, 222
RGB Percent	62%, 84%, 87%
CMY	0.3806, 0.1646, 0.1295
CMYK	0.29, 0.04, 0.00, 0.13
HSL	188°, 49%, 74%
HSV	188°, 29%, 87%
XYZ	51.0683, 60.1315, 78.0120
YIQ	197.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

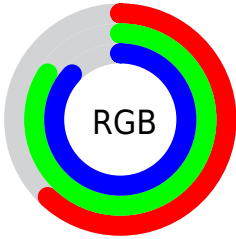
Format	Color
RYB	158, 188, 222
Decimal	10409438
CIELab	81.91, -15.54, -10.15
CIELCh	82, 18.565, 213.155
Yxy	60.1315, 0.2699, 0.3178
Android (android.graphics.Color)	4288599518 (0xFF9ED5DE)
YUV	197.5810, 12.0386, -34.7125
Hunter-Lab	77.5445, -18.1487, -5.3663

Details

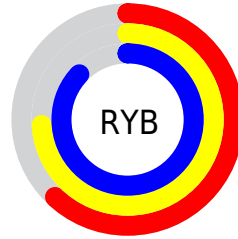
The Yxy color **60.1315, 0.2699, 0.3178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5961, 0.3733, 0.3399**, and the grayscale version is **56.1397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.1868, 0.2590, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **56.5347, 0.2567, 0.3133**, and if you desaturate by 10%, it is **64.1696, 0.2841, 0.3220**.

Distribution



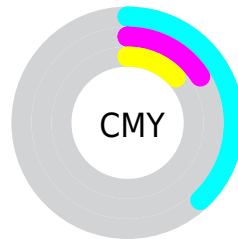
- Red (62%)
- Green (84%)
- Blue (87%)



- Red (62%)
- Yellow (74%)
- Blue (87%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1315, 0.2699, 0.3178 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 60.1315, 0.2699, 0.3178 by changing the saturation by 10% instead.


 60.1315, 0.2699,
0.3178


 60.1315, 0.2699,
0.3178


425.0823, 0.2901,
0.3235

 43.5246, 0.2652,
0.3164

 105.0204, 0.2770,
0.3199

 30.2970, 0.2593,
0.3145


 134.0712, 0.2797,
0.3207

 20.0641, 0.2518,
0.3121

168.0388, 0.2821,
0.3213

 12.4417, 0.2419,
0.3087

207.3076, 0.2841,
0.3219

 7.0452, 0.2282,
0.3036

252.2619, 0.2859,
0.3224

 3.4904, 0.2081,
0.2956

303.2862, 0.2875,

 1.3928, 0.1762,

0.3228

0.2808

360.7649, 0.2889,
0.3232

0.2114, 0.0000,
0.1836

0.0000, 0.0000,
0.0000

60.1315, 0.2699,
0.3178

60.1315, 0.2699,
0.3178

56.5347, 0.2567,
0.3133

64.1696, 0.2841,
0.3220

53.3500, 0.2449,
0.3087

68.6622, 0.2991,
0.3259

50.5555, 0.2347,
0.3038

73.6307, 0.3145,
0.3294

48.1245, 0.2263,
0.2989

79.0932, 0.3301,
0.3326

■ 46.0264, 0.2198,
0.2939

■ 82.3283, 0.3356,
0.3356

■ 44.2254, 0.2153,
0.2889

■ 84.0594, 0.3352,
0.3387

■ 42.6659, 0.2124,
0.2840

■ 85.8214, 0.3348,
0.3418

■ 42.4939, 0.2121,
0.2835

■ 87.6146, 0.3344,
0.3448

■ 89.4389, 0.3340,
0.3478

Harmonies

Analogous

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



60.1315, 0.2826, 0.3402



60.1315, 0.2699, 0.3178



60.1315, 0.2682, 0.2997

Triad

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



60.1315, 0.2699, 0.3178



60.1315, 0.3207, 0.3007



60.1315, 0.3480, 0.3688

Complementary

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



60.1315, 0.2699, 0.3178



45.5961, 0.3733, 0.3399

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.



60.1315, 0.3592, 0.3563



60.1315, 0.2699, 0.3178



60.1315, 0.3432, 0.3174

Square

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



60.1315, 0.2699, 0.3178



60.1315, 0.2968, 0.2908



60.1315, 0.3575, 0.3375



60.1315, 0.3274, 0.3706

Rectangle

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



60.1315, 0.2699, 0.3178



60.1315, 0.2734, 0.2923



60.1315, 0.3575, 0.3375



60.1315, 0.3530, 0.3656

Sweetspot

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



60.1339, 0.2699, 0.3178



93.8711, 0.2988, 0.3258



62.2689, 0.3036, 0.4011



19.8911, 0.2965, 0.3252



0.0000, 0.0000, 0.0000



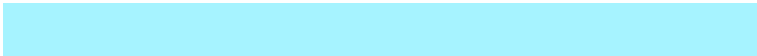
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1339, 0.2699, 0.3178



79.1047, 0.2613, 0.3150



45.7552, 0.2655, 0.2769



15.2280, 0.2982, 0.3256



25.3674, 0.2123, 0.2842



1.8495, 0.2144, 0.2918

Inverse Universe

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



44.7644, 0.3238, 0.2667



54.8828, 0.3268, 0.2528



58.6118, 0.3631, 0.3761



13.9009, 0.3159, 0.3091



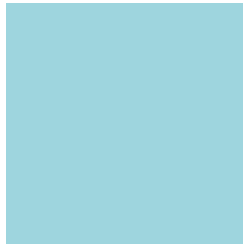
11.4689, 0.3596, 0.1755



0.8042, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 60.1315, 0.2699, 0.3178 looks on a white background.

Color Contrast Check

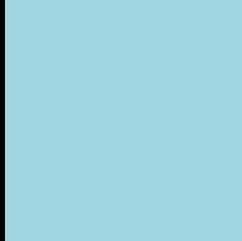
Large Text (above 18pt) WCAG AA × Fail

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 60.1315, 0.2699, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

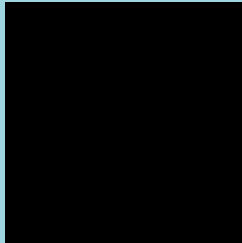
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

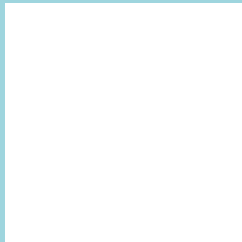
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1315, 0.2699, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 60.1315, 0.2699, 0.3178.

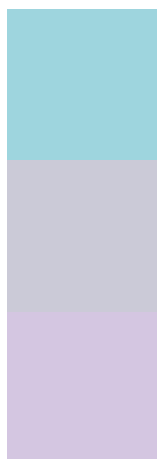


This preview shows how white text looks on a background with the Yxy color 60.1315, 0.2699, 0.3178.

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

60.1315, 0.2699, 0.3178

Protanopia

59.8439, 0.3043, 0.3139

Deuteranopia

59.8215, 0.3042, 0.2986



Tritanopia

60.1150, 0.2665, 0.3081

Trichromacy



Original Color

60.1315, 0.2699, 0.3178

Protanomaly

59.7694, 0.2907, 0.3147

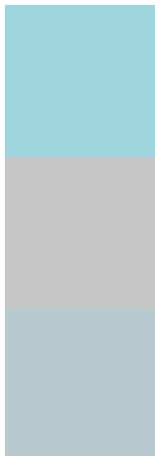
Deuteranomaly

59.3002, 0.2902, 0.3044

Tritanomaly

59.9489, 0.2681, 0.3117

Monochromacy



Original Color

60.1315, 0.2699, 0.3178

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2841, 0.2950, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1315, 0.2699, 0.3178 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(158, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(158, 213, 222)  
}
```

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(158, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 222) }
```

Border

The CSS property to change the border of an element to Yxy 60.1315, 0.2699, 0.3178 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(158, 213, 222) }
```

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

```
.border{ border-color:rgb(158, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(158, 213,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1315, 0.2699, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 222) }
```

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

```
.background{ background-color: rgb(158,  
213, 222) }
```

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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