

Converting Colors

$Yxy(58.1474, 0.2721, 0.3239)$

Have a look what the booklet for
Yxy(58.1474, 0.2721, 0.3239)
contains.

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Color

Yxy(57.9168, 0.2723, 0.3238)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BD2D6 |
| RGB | 155, 210, 214 |
| RGB Percent | 61%, 82%, 84% |
| CMY | 0.3921, 0.1765, 0.1607 |
| CMYK | 0.28, 0.02, 0.00, 0.16 |
| HSL | 184°, 42%, 72% |
| HSV | 184°, 28%, 84% |
| XYZ | 48.7052, 57.9168, 72.2440 |
| YIQ | 194.0110, -34.0640, -10.4160 |

Conversions

Conversions Part 2

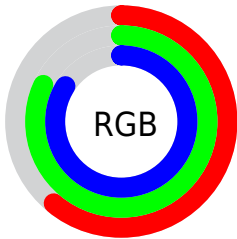
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 155, 183, 214 |
| Decimal | 10212054 |
| CIE Lab | 80.69, -16.67, -7.73 |
| CIE LCh | 81, 18.370, 204.878 |
| Yxy | 57.9168, 0.2723, 0.3238 |
| Android (android.graphics.Color) | 4288402134 (0xFF9BD2D6) |
| YUV | 194.0110, 9.8546, -34.2126 |
| Hunter-Lab | 76.1031, -18.9422, -3.0113 |

Details

The Yxy color **57.9168, 0.2723, 0.3238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4744, 0.3711, 0.3341**, and the grayscale version is **53.9144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **28.7707, 0.2626, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **55.2687, 0.2596, 0.3217**, and if you desaturate by 10%, it is **60.9514, 0.2862, 0.3258**.

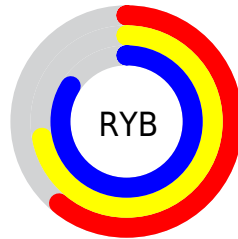
Distribution



Red (61%)

Green (82%)

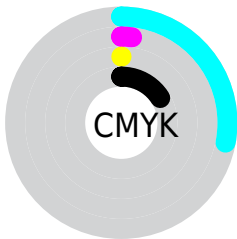
Blue (84%)



Red (61%)

Yellow (72%)

Blue (84%)

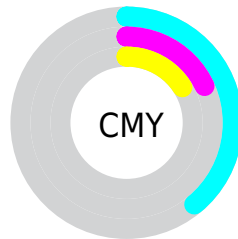


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (39%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9168, 0.2723, 0.3238 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 57.9168, 0.2723, 0.3238 by changing the saturation by 10% instead.

 57.9168, 0.2723,
0.3238

 57.9168, 0.2723,
0.3238

416.8758, 0.2915,
0.3266

 41.7418, 0.2678,
0.3231

 101.8017, 0.2791,
0.3249

 28.8991, 0.2621,
0.3221


 130.2803, 0.2817,
0.3252

 19.0045, 0.2548,
0.3207


163.6290, 0.2839,
0.3256

 11.6736, 0.2451,
0.3188

202.2320, 0.2859,
0.3258

 6.5218, 0.2316,
0.3158

246.4738, 0.2875,
0.3261

 3.1649, 0.2114,
0.3106

296.7388, 0.2890,

 1.2184, 0.1773,

0.3263

0.3008

353.4113, 0.2904,
0.3265

0.0767, 0.0000,
0.1095

0.0000, 0.0000,
0.0000

57.9168, 0.2723,
0.3238

57.9168, 0.2723,
0.3238

55.2687, 0.2596,
0.3217

60.9514, 0.2862,
0.3258

52.9803, 0.2483,
0.3194

64.3839, 0.3011,
0.3277

51.0323, 0.2387,
0.3172

68.2339, 0.3165,
0.3294

49.4006, 0.2311,
0.3148

72.5173, 0.3323,
0.3310

■ 48.0581, 0.2253,
0.3125

■ 75.8932, 0.3428,
0.3324

■ 46.9728, 0.2214,
0.3102

■ 76.6498, 0.3426,
0.3339

■ 46.1008, 0.2192,
0.3079

■ 77.4131, 0.3423,
0.3353

■ 45.9036, 0.2187,
0.3074

■ 78.1831, 0.3421,
0.3368

■ 78.9599, 0.3419,
0.3383

Harmonies

Analogous

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



57.9168, 0.2877, 0.3463



57.9168, 0.2723, 0.3238



57.9168, 0.2674, 0.3039

Triad

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



57.9168, 0.2723, 0.3238



57.9168, 0.3140, 0.2971



57.9168, 0.3523, 0.3663

Complementary

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



57.9168, 0.2723, 0.3238



41.4744, 0.3711, 0.3341

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.



57.9168, 0.3602, 0.3515



57.9168, 0.2723, 0.3238



57.9168, 0.3376, 0.3123

Square

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



57.9168, 0.2723, 0.3238



57.9168, 0.2908, 0.2896



57.9168, 0.3548, 0.3318



57.9168, 0.3337, 0.3714

Rectangle

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



57.9168, 0.2723, 0.3238



57.9168, 0.2706, 0.2948



57.9168, 0.3548, 0.3318



57.9168, 0.3563, 0.3622

Sweetspot

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



57.9191, 0.2723, 0.3238



95.4503, 0.3003, 0.3276



57.5753, 0.3065, 0.4027



20.2569, 0.2980, 0.3273



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.



57.9191, 0.2723, 0.3238



83.7763, 0.2648, 0.3226



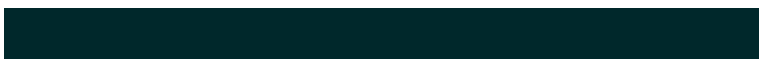
44.7044, 0.2684, 0.2850



13.9562, 0.2983, 0.3274



27.8017, 0.2188, 0.3077



1.7214, 0.2199, 0.3116

Inverse Universe

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



42.3993, 0.3194, 0.2651



57.1853, 0.3210, 0.2518



52.8258, 0.3617, 0.3693



12.6174, 0.3148, 0.3076



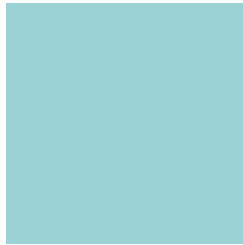
11.1514, 0.3387, 0.1639



0.6771, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 57.9168, 0.2723, 0.3238 looks on a white background.

Color Contrast Check

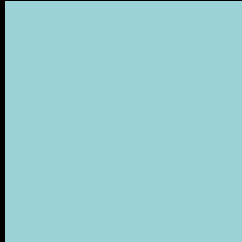
Large Text (above 18pt) WCAG AA × Fail

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 57.9168, 0.2723, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

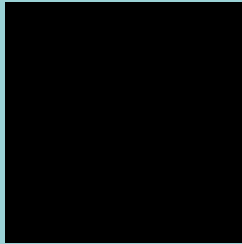
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

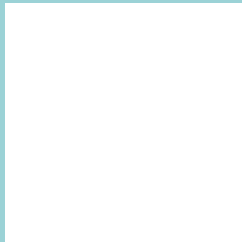
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9168, 0.2723, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 57.9168, 0.2723, 0.3238.



This preview shows how white text looks on a background with the Yxy color 57.9168, 0.2723, 0.3238.

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

57.9168, 0.2723, 0.3238

Protanopia

57.3107, 0.3085, 0.3184

Deuteranopia

57.4422, 0.3092, 0.3027



Tritanopia

57.7161, 0.2669, 0.3078

Trichromacy



Original Color

57.9168, 0.2723, 0.3238

Protanomaly

57.0845, 0.2937, 0.3192

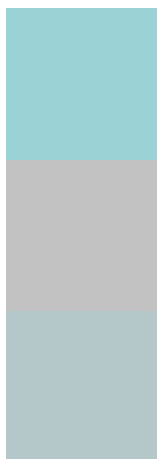
Deuteranomaly

57.3428, 0.2947, 0.3099

Tritanomaly

57.8893, 0.2687, 0.3139

Monochromacy



Original Color

57.9168, 0.2723, 0.3238

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2289, 0.2968, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9168, 0.2723, 0.3238 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(155, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(155, 210, 214)  
}
```

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(155, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9168, 0.2723, 0.3238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

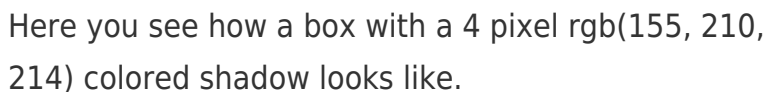
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 210, 214) }
```

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

```
.border{ border-color:rgb(155, 210, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(155, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9168, 0.2723, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 210, 214) }
```

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

```
.background{ background-color: rgb(155,  
210, 214) }
```

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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