

Converting Colors

$Yxy(24.6031, 0.2054, 0.2972)$

Have a look what the booklet for
Yxy(24.6031, 0.2054, 0.2972)
contains.

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Color

$\text{Yxy}(25.3210, 0.2159, 0.2973)$

Conversions

Conversions Part 1

Format	Color
Hex	0098A9
RGB	0, 152, 169
RGB Percent	0%, 60%, 66%
CMY	1.0000, 0.4039, 0.3372
CMYK	1.00, 0.10, 0.00, 0.34
HSL	186°, 100%, 33%
HSV	186°, 100%, 66%
XYZ	18.3882, 25.3210, 41.4607
YIQ	108.4900, -96.0490, -26.9370

Conversions

Conversions Part 2

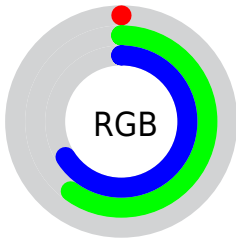
Format	Color
RYB	0, 80, 169
Decimal	39081
CIELab	57.39, -27.14, -18.43
CIELCh	57, 32.809, 214.183
Yxy	25.3210, 0.2159, 0.2973
Android (android.graphics.Color)	4278229161 (0xFF0098A9)
YUV	108.4900, 29.8314, -95.1457
Hunter-Lab	50.3200, -22.8316, -13.6275

Details

The Yxy color **25.3210, 0.2159, 0.2973** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8.8377, 0.6314, 0.3369**, and the grayscale version is **15.0772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3346, 0.2354, 0.3058**, and **10.5917, 0.2130, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **25.3234, 0.2159, 0.2973**, and if you desaturate by 10%, it is **25.9978, 0.2186, 0.3007**.

Distribution



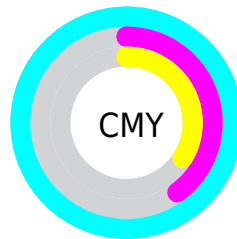
- Red (0%)
- Green (60%)
- Blue (66%)



- Red (0%)
- Yellow (31%)
- Blue (66%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)





- Cyan (100%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3210, 0.2159, 0.2973 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 25.3210, 0.2159, 0.2973 by changing the saturation by 10% instead.


 25.3210, 0.2159,
0.2973


 25.3210, 0.2159,
0.2973


 279.4328, 0.2672,
0.3163


 16.3164, 0.2023,
0.2913


 52.1775, 0.2352,
0.3051

 9.7483, 0.1845,
0.2829


 70.7982, 0.2422,
0.3077

 5.2324, 0.1604,
0.2701

 93.3930, 0.2481,
0.3098

 2.3843, 0.1265,
0.2492

 120.3463, 0.2531,
0.3116

 0.8178, 0.0311,
0.2214

 152.0425, 0.2574,
0.3131

 0.0000, 0.0000,
0.0000

 188.8661, 0.2611,

0.3143

231.2014, 0.2643,
0.3154

■ 25.3210, 0.2159,
0.2973

■ 25.3210, 0.2159,
0.2973

■ 25.3234, 0.2159,
0.2973

■ 25.9978, 0.2186,
0.3007

■ 26.7803, 0.2226,
0.3041

■ 27.7118, 0.2285,
0.3075

■ 28.8105, 0.2362,
0.3110

■ 30.0921, 0.2457,
0.3144

■ 31.5703, 0.2569,
0.3176

■ 33.2576, 0.2694,
0.3208

■ 35.1651, 0.2831,
0.3237

■ 37.3036, 0.2976,
0.3265

Harmonies

Analogous

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



25.3210, 0.2415, 0.3525



25.3210, 0.2159, 0.2973



25.3210, 0.2138, 0.2584

Triad

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



25.3210, 0.2159, 0.2973



25.3210, 0.3319, 0.2671



25.3210, 0.3916, 0.4214

Complementary

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



25.3210, 0.2159, 0.2973



8.8377, 0.6314, 0.3369

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.



25.3210, 0.4213, 0.3882



25.3210, 0.2159, 0.2973



25.3210, 0.3864, 0.3026

Square

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



25.3210, 0.2159, 0.2973



25.3210, 0.2763, 0.2453



25.3210, 0.4202, 0.3453



25.3210, 0.3419, 0.4308

Rectangle

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



25.3210, 0.2159, 0.2973



25.3210, 0.2252, 0.2446



25.3210, 0.4202, 0.3453



25.3210, 0.4043, 0.4123

Sweetspot

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



25.3234, 0.2159, 0.2973



59.3797, 0.2687, 0.3206



28.4212, 0.2979, 0.5925



12.6686, 0.2635, 0.3194



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.3234, 0.2159, 0.2973



45.1680, 0.2158, 0.2967



6.9518, 0.1687, 0.1274



8.4011, 0.2987, 0.3267



18.9146, 0.2160, 0.2977



0.4959, 0.2191, 0.3089

Inverse Universe

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



10.7037, 0.3478, 0.1690



19.1485, 0.3483, 0.1692



17.8234, 0.5110, 0.4325



7.6534, 0.3152, 0.3089



7.9805, 0.3475, 0.1688



0.1978, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 25.3210, 0.2159, 0.2973 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3210, 0.2159, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

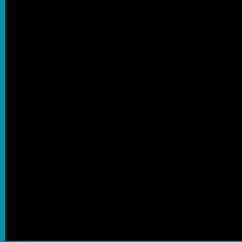
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3210, 0.2159, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 25.3210, 0.2159, 0.2973.



This preview shows how white text looks on a background with the Yxy color 25.3210, 0.2159, 0.2973.

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

25.3210, 0.2159, 0.2973

Protanopia

25.0635, 0.2880, 0.2928

Deuteranopia

24.9729, 0.2734, 0.2669



Tritanopia

25.1731, 0.2179, 0.3044

Trichromacy



Original Color

25.3210, 0.2159, 0.2973

Protanomaly

23.8859, 0.2445, 0.2928

Deuteranomaly

23.9131, 0.2368, 0.2746

Tritanomaly

25.2096, 0.2174, 0.3026

Monochromacy



Original Color

25.3210, 0.2159, 0.2973

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

17.2922, 0.2502, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3210, 0.2159, 0.2973 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(0, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 169)  
}
```

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(0, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.3210, 0.2159, 0.2973 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(0, 152, 169) }
```

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

```
.border{ border-color:rgb(0, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3210, 0.2159, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 169) }
```

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

```
.background{ background-color: rgb(0, 152,  
169) }
```

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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