

Converting Colors

$Yxy(25.8278, 0.2190, 0.3082)$

Have a look what the booklet for
Yxy(25.8278, 0.2190, 0.3082)
contains.

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Color

Yxy(25.8343, 0.2191, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	029AA5
RGB	2, 154, 165
RGB Percent	1%, 60%, 65%
CMY	0.9939, 0.3961, 0.3529
CMYK	0.99, 0.07, 0.00, 0.35
HSL	184°, 98%, 33%
HSV	184°, 99%, 65%
XYZ	18.3657, 25.8343, 39.6232
YIQ	109.8060, -94.1230, -28.8030

Conversions

Conversions Part 2

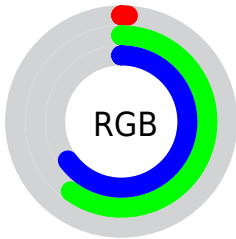
Format	Color
R_{YB}	2, 81, 165
Decimal	170661
CIE _{Lab}	57.88, -29.38, -15.41
CIE _{LCh}	58, 33.179, 207.675
Yxy	25.8343, 0.2191, 0.3082
Android (android.graphics.Color)	4278360741 (0xFF029AA5)
YUV	109.8060, 27.2106, -94.5459
Hunter-Lab	50.8275, -24.4500, -10.6411

Details

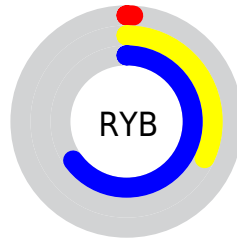
The Yxy color **25.8343, 0.2191, 0.3082** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.2817, 0.6326, 0.3344**, and the grayscale version is **15.4338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0954, 0.2378, 0.3139**, and **10.6950, 0.2165, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **25.7907, 0.2189, 0.3080**, and if you desaturate by 10%, it is **26.3235, 0.2215, 0.3104**.

Distribution



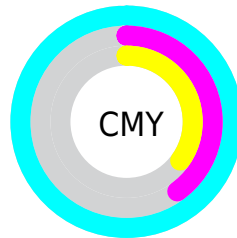
- Red (1%)
- Green (60%)
- Blue (65%)



- Red (1%)
- Yellow (32%)
- Blue (65%)



- Cyan (99%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)





- Cyan (99%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8343, 0.2191, 0.3082 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 25.8343, 0.2191, 0.3082 by changing the saturation by 10% instead.


 25.8343, 0.2191,
0.3082


 25.8343, 0.2191,
0.3082


 281.9677, 0.2687,
0.3212


 16.6997, 0.2059,
0.3039

 53.0075, 0.2378,
0.3136

 10.0206, 0.1886,
0.2977


 71.8149, 0.2446,
0.3154

 5.4126, 0.1650,
0.2880

 94.6154, 0.2503,
0.3169

 2.4913, 0.1316,
0.2716

 121.7934, 0.2551,
0.3181

 0.8723, 0.0324,
0.2529

 153.7332, 0.2592,
0.3190

 0.0000, 0.0000,
0.0000

 190.8193, 0.2628,

0.3199

233.4360, 0.2660,
0.3206

■ 25.8343, 0.2191,
0.3082

■ 25.8343, 0.2191,
0.3082

■ 25.7907, 0.2189,
0.3080

■ 26.3235, 0.2215,
0.3104

■ 26.9165, 0.2253,
0.3127

■ 27.6481, 0.2309,
0.3149

■ 28.5354, 0.2384,
0.3172

■ 29.5927, 0.2477,
0.3194

■ 30.8329, 0.2586,
0.3216

■ 32.2675, 0.2710,
0.3237

■ 33.9070, 0.2846,
0.3256

■ 35.7614, 0.2991,
0.3275

Harmonies

Analogous

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



25.8343, 0.2496, 0.3652



25.8343, 0.2191, 0.3082



25.8343, 0.2118, 0.2647

Triad

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



25.8343, 0.2191, 0.3082



25.8343, 0.3193, 0.2608



25.8343, 0.4005, 0.4161

Complementary

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



25.8343, 0.2191, 0.3082



8.2817, 0.6326, 0.3344

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.



25.8343, 0.4244, 0.3795



25.8343, 0.2191, 0.3082



25.8343, 0.3759, 0.2939

Square

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



25.8343, 0.2191, 0.3082



25.8343, 0.2655, 0.2424



25.8343, 0.4159, 0.3358



25.8343, 0.3538, 0.4320

Rectangle

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



25.8343, 0.2191, 0.3082



25.8343, 0.2200, 0.2476



25.8343, 0.4159, 0.3358



25.8343, 0.4116, 0.4054

Sweetspot

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



25.8352, 0.2191, 0.3082



57.3704, 0.2691, 0.3234



26.9539, 0.2987, 0.5943



12.3137, 0.2641, 0.3225



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.8352, 0.2191, 0.3082



46.0588, 0.2188, 0.3076



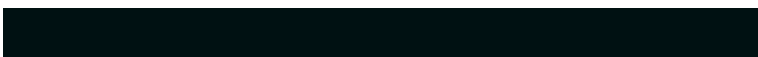
7.4121, 0.1723, 0.1395



7.9291, 0.2988, 0.3274



19.5358, 0.2190, 0.3082



0.4332, 0.2212, 0.3163

Inverse Universe

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



10.3676, 0.3382, 0.1641



18.4848, 0.3388, 0.1640



16.0423, 0.5185, 0.4255



7.1939, 0.3147, 0.3083



7.8163, 0.3382, 0.1637



0.1665, 0.3313, 0.1599

Previews

White Background



This preview shows how the Yxy color 25.8343, 0.2191, 0.3082 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 25.8343, 0.2191, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

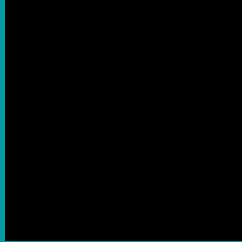
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8343, 0.2191, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 25.8343, 0.2191, 0.3082.

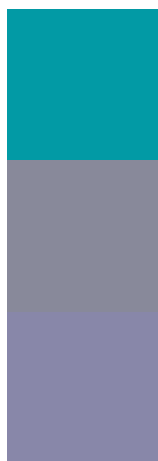


This preview shows how white text looks on a background with the Yxy color 25.8343, 0.2191, 0.3082.

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

25.8407, 0.2192, 0.3083

Protanopia

25.4587, 0.2948, 0.3011

Deuteranopia

25.4268, 0.2809, 0.2749



Tritanopia

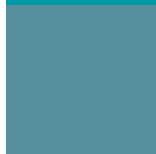
25.9355, 0.2195, 0.3065

Trichromacy



Original Color

25.8407, 0.2192, 0.3083



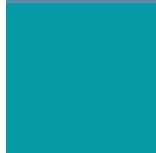
Protanomaly

24.1398, 0.2490, 0.3017



Deuteranomaly

24.1994, 0.2418, 0.2830



Tritanomaly

25.9160, 0.2192, 0.3065

Monochromacy



Original Color

25.8407, 0.2192, 0.3083



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.8730, 0.2525, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8343, 0.2191, 0.3082 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(2, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(2, 154, 165)  
}
```

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(2, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 154, 165) }
```

Border

The CSS property to change the border of an element to Yxy 25.8343, 0.2191, 0.3082 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(2, 154, 165) }
```

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

```
.border{ border-color:rgb(2, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(2, 154,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8343, 0.2191, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 154, 165) }
```

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

```
.background{ background-color: rgb(2, 154,  
165) }
```

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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