

Converting Colors

$Yxy(24.1926, 0.2182, 0.3045)$

Have a look what the booklet for
Yxy(24.1926, 0.2182, 0.3045)
contains.

Yxy(24.1229, 0.2181, 0.3040)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1229, 0.2181, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	0395A2
RGB	3, 149, 162
RGB Percent	1%, 58%, 64%
CMY	0.9878, 0.4157, 0.3647
CMYK	0.98, 0.08, 0.00, 0.36
HSL	185°, 96%, 32%
HSV	185°, 98%, 64%
XYZ	17.3066, 24.1229, 37.9222
YIQ	106.8280, -91.1890, -26.9090

Conversions

Conversions Part 2

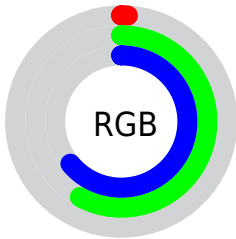
Format	Color
RYB	3, 79, 162
Decimal	234914
CIELab	56.21, -27.86, -16.21
CIELCh	56, 32.231, 210.202
Yxy	24.1229, 0.2181, 0.3040
Android (android.graphics.Color)	4278424994 (0xFF0395A2)
YUV	106.8280, 27.1998, -91.0572
Hunter-Lab	49.1151, -23.0536, -11.3978

Details

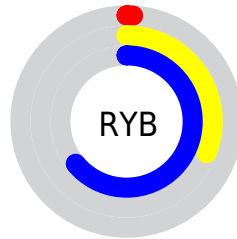
The Yxy color **24.1229, 0.2181, 0.3040** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8.0605, 0.6290, 0.3357**, and the grayscale version is **14.6037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4708, 0.2373, 0.3109**, and **9.8612, 0.2156, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **24.0237, 0.2176, 0.3035**, and if you desaturate by 10%, it is **24.6667, 0.2208, 0.3067**.

Distribution



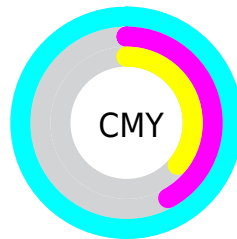
- Red (1%)
- Green (58%)
- Blue (64%)



- Red (1%)
- Yellow (31%)
- Blue (64%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)





- Cyan (99%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1229, 0.2181, 0.3040 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 24.1229, 0.2181, 0.3040 by changing the saturation by 10% instead.


 24.1229, 0.2181,
0.3040


 24.1229, 0.2181,
0.3040


273.4412, 0.2687,
0.3194


 15.4248, 0.2045,
0.2990


 50.2307, 0.2373,
0.3104

 9.1181, 0.1865,
0.2916


 68.4092, 0.2442,
0.3126

 4.8183, 0.1618,
0.2803

 90.5166, 0.2500,
0.3143

 2.1410, 0.1266,
0.2609

 116.9373, 0.2549,
0.3157

 0.6876, 0.0000,
0.2378

 148.0557, 0.2591,
0.3169

 0.0000, 0.0000,
0.0000

 184.2563, 0.2628,

0.3179

225.9233, 0.2659,
0.3187

■ 24.1229, 0.2181,
0.3040

■ 24.1229, 0.2181,
0.3040

■ 24.0237, 0.2176,
0.3035

■ 24.6667, 0.2208,
0.3067

■ 25.3176, 0.2249,
0.3094

■ 26.1046, 0.2309,
0.3122

■ 27.0436, 0.2388,
0.3150

■ 28.1482, 0.2484,
0.3177

■ 29.4307, 0.2596,
0.3203

■ 30.9018, 0.2722,
0.3228

■ 32.5717, 0.2860,
0.3252

■ 34.4497, 0.3005,
0.3274

Harmonies

Analogous

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



24.1229, 0.2466, 0.3602



24.1229, 0.2181, 0.3040



24.1229, 0.2128, 0.2624

Triad

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



24.1229, 0.2181, 0.3040



24.1229, 0.3241, 0.2634



24.1229, 0.3968, 0.4179

Complementary

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



24.1229, 0.2181, 0.3040



8.0605, 0.6290, 0.3357

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.



24.1229, 0.4229, 0.3828



24.1229, 0.2181, 0.3040



24.1229, 0.3798, 0.2973

Square

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



24.1229, 0.2181, 0.3040



24.1229, 0.2698, 0.2438



24.1229, 0.4173, 0.3395



24.1229, 0.3491, 0.4313

Rectangle

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



24.1229, 0.2181, 0.3040



24.1229, 0.2223, 0.2467



24.1229, 0.4173, 0.3395



24.1229, 0.4085, 0.4079

Sweetspot

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



24.1238, 0.2181, 0.3040



55.6932, 0.2703, 0.3224



25.8886, 0.2987, 0.5933



12.2592, 0.2651, 0.3214



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.



24.1238, 0.2181, 0.3040



43.4740, 0.2175, 0.3030



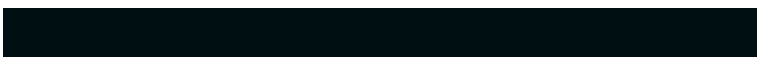
7.2569, 0.1732, 0.1416



7.9117, 0.2988, 0.3271



18.9584, 0.2177, 0.3037



0.4254, 0.2204, 0.3136

Inverse Universe

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



9.9178, 0.3418, 0.1665



17.8557, 0.3428, 0.1662



15.5402, 0.5165, 0.4260



7.1921, 0.3149, 0.3086



7.7580, 0.3422, 0.1659



0.1657, 0.3336, 0.1612

Previews

White Background



This preview shows how the Yxy color 24.1229, 0.2181, 0.3040 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 24.1229, 0.2181, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

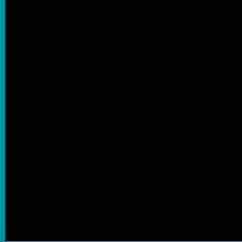
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1229, 0.2181, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 24.1229, 0.2181, 0.3040.

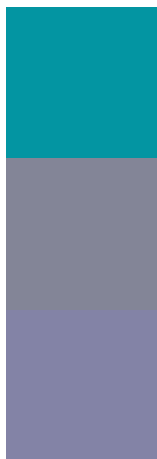


This preview shows how white text looks on a background with the Yxy color 24.1229, 0.2181, 0.3040.

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

24.1229, 0.2181, 0.3040

Protanopia

23.8347, 0.2923, 0.2986

Deuteranopia

23.8111, 0.2782, 0.2719



Tritanopia

24.0681, 0.2183, 0.3058

Trichromacy



Original Color

24.1229, 0.2181, 0.3040

Protanomaly

22.7166, 0.2477, 0.2992

Deuteranomaly

22.7784, 0.2404, 0.2802

Tritanomaly

24.0746, 0.2184, 0.3058

Monochromacy



Original Color

24.1229, 0.2181, 0.3040

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

16.7166, 0.2519, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1229, 0.2181, 0.3040 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(3, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(3, 149, 162)  
}
```

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(3, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 149, 162) }
```

Border

The CSS property to change the border of an element to Yxy 24.1229, 0.2181, 0.3040 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(3, 149, 162) }
```

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

```
.border{ border-color:rgb(3, 149, 162) }
```

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

Here you see how a box with a 4 pixel rgb(3, 149, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(3, 149,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1229, 0.2181, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 149, 162) }
```

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

```
.background{ background-color: rgb(3, 149,  
162) }
```

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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