

Converting Colors

$Y_{xy}(24.1810, 0.2380, 0.3172)$

Have a look what the booklet for
Yxy(24.1810, 0.2380, 0.3172)
contains.

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Color

$\text{Yxy}(24.1594, 0.2379, 0.3174)$

Conversions

Conversions Part 1

Format	Color
Hex	3D9399
RGB	61, 147, 153
RGB Percent	24%, 58%, 60%
CMY	0.7608, 0.4235, 0.4000
CMYK	0.60, 0.04, 0.00, 0.40
HSL	184°, 43%, 42%
HSV	184°, 60%, 60%
XYZ	18.1081, 24.1594, 33.8490
YIQ	121.9700, -53.1820, -16.3660

Conversions

Conversions Part 2

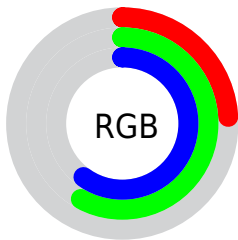
Format	Color
R_{YB}	61, 105, 153
Decimal	4035481
CIE _{Lab}	56.25, -23.70, -10.92
CIE _{LCh}	56, 26.099, 204.738
Yxy	24.1594, 0.2379, 0.3174
Android (android.graphics.Color)	4282225561 (0xFF3D9399)
YUV	121.9700, 15.2978, -53.4707
Hunter-Lab	49.1522, -20.2553, -6.4240

Details

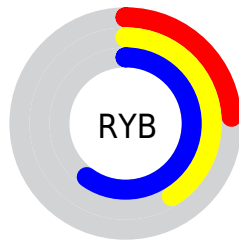
The Yxy color **24.1594, 0.2379, 0.3174** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.1249, 0.4870, 0.3388**, and the grayscale version is **19.4143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1298, 0.2534, 0.3206**, and **9.3251, 0.2199, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **23.4328, 0.2306, 0.3152**, and if you desaturate by 10%, it is **25.0291, 0.2470, 0.3195**.

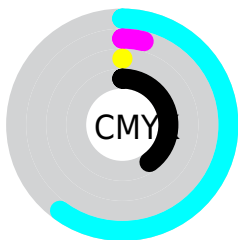
Distribution



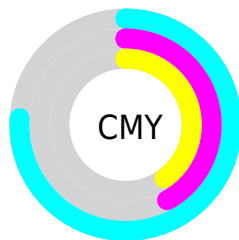
- Red (24%)
- Green (58%)
- Blue (60%)



- Red (24%)
- Yellow (41%)
- Blue (60%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1594, 0.2379, 0.3174 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 24.1594, 0.2379, 0.3174 by changing the saturation by 10% instead.

■ 24.1594, 0.2379,
0.3174

■ 24.1594, 0.2379,
0.3174

■ 273.6254, 0.2784,
0.3248

■ 15.4519, 0.2267,
0.3148

■ 50.2902, 0.2534,
0.3206

■ 9.1372, 0.2117,
0.3110

■ 68.4823, 0.2590,
0.3216

■ 4.8308, 0.1906,
0.3048

■ 90.6047, 0.2636,
0.3224

■ 2.1483, 0.1592,
0.2935

■ 117.0418, 0.2675,
0.3231

■ 0.6916, 0.0328,
0.2883

■ 148.1781, 0.2708,
0.3237

■ 0.0000, 0.0000,
0.0000

184.3978, 0.2737,

0.3241

226.0854, 0.2762,
0.3245

■ 24.1594, 0.2379,
0.3174

■ 24.1594, 0.2379,
0.3174

■ 23.4328, 0.2306,
0.3152

■ 25.0291, 0.2470,
0.3195

■ 22.8344, 0.2252,
0.3131

■ 26.0498, 0.2577,
0.3216

■ 22.3508, 0.2215,
0.3109

■ 27.2321, 0.2699,
0.3237

■ 21.9512, 0.2191,
0.3088

■ 28.5849, 0.2833,
0.3256

■ 30.1164, 0.2976,
0.3273

■ 31.8342, 0.3125,
0.3290

■ 33.7456, 0.3278,
0.3305

■ 35.8575, 0.3433,
0.3318

■ 38.1762, 0.3587,
0.3330

Harmonies

Analogous

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



24.1594, 0.2652, 0.3624



24.1594, 0.2379, 0.3174



24.1594, 0.2296, 0.2803

Triad

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



24.1594, 0.2379, 0.3174



24.1594, 0.3139, 0.2708



24.1594, 0.3871, 0.3981

Complementary

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



24.1594, 0.2379, 0.3174



11.1249, 0.4870, 0.3388

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.



24.1594, 0.4033, 0.3683



24.1594, 0.2379, 0.3174



24.1594, 0.3596, 0.2975

Square

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



24.1594, 0.2379, 0.3174



24.1594, 0.2709, 0.2571



24.1594, 0.3933, 0.3321



24.1594, 0.3511, 0.4112

Rectangle

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



24.1594, 0.2379, 0.3174



24.1594, 0.2351, 0.2645



24.1594, 0.3933, 0.3321



24.1594, 0.3952, 0.3894

Sweetspot

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



24.1603, 0.2379, 0.3174



51.6500, 0.2857, 0.3259



24.1659, 0.3011, 0.5092



11.2506, 0.2820, 0.3254



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.1603, 0.2379, 0.3174



41.5837, 0.2286, 0.3145



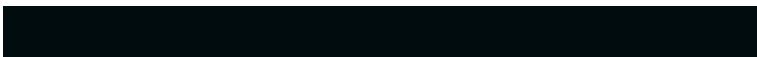
12.8744, 0.2175, 0.2246



6.9575, 0.2989, 0.3275



18.1589, 0.2192, 0.3090



0.2894, 0.2218, 0.3185

Inverse Universe

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



12.2171, 0.3280, 0.1996



18.6251, 0.3316, 0.1807



18.6111, 0.4355, 0.4108



6.3167, 0.3147, 0.3085



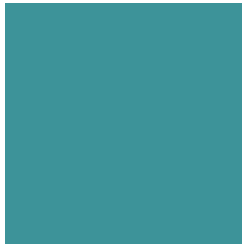
7.2385, 0.3376, 0.1633



0.1100, 0.3294, 0.1589

Previews

White Background



This preview shows how the Yxy color 24.1594, 0.2379, 0.3174 looks on a white background.

Color Contrast Check

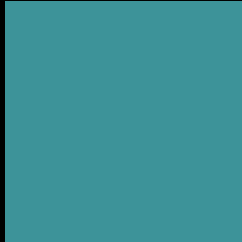
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1594, 0.2379, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

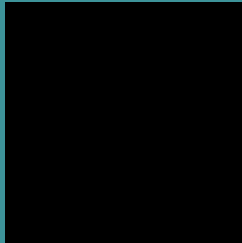
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1594, 0.2379, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 24.1594, 0.2379, 0.3174.



This preview shows how white text looks on a background with the Yxy color 24.1594, 0.2379, 0.3174.

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

24.1594, 0.2379, 0.3174

Protanopia

23.7752, 0.3014, 0.3103

Deuteranopia

23.9012, 0.2917, 0.2863



Tritanopia

24.0832, 0.2354, 0.3064

Trichromacy



Original Color

24.1594, 0.2379, 0.3174

Protanomaly

23.4093, 0.2727, 0.3127

Deuteranomaly

23.5428, 0.2668, 0.2955

Tritanomaly

23.9822, 0.2361, 0.3100

Monochromacy



Original Color

24.1594, 0.2379, 0.3174

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.6354, 0.2773, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1594, 0.2379, 0.3174 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(61, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(61, 147, 153)  
}
```

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(61, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 147, 153) }
```

Border

The CSS property to change the border of an element to Yxy 24.1594, 0.2379, 0.3174 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(61, 147, 153) }
```

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

```
.border{ border-color:rgb(61, 147, 153) }
```

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

Here you see how a box with a 4 pixel rgb(61, 147, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(61, 147,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1594, 0.2379, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 147, 153) }
```

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

```
.background{ background-color: rgb(61, 147,  
153) }
```

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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