

Converting Colors

$Y_{xy}(19.0240, 0.2274, 0.3011)$

Have a look what the booklet for
Yxy(19.0240, 0.2274, 0.3011)
contains.

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Color

$Y_{xy}(19.0605, 0.2274, 0.3019)$

Conversions

Conversions Part 1

Format	Color
Hex	2B8491
RGB	43, 132, 145
RGB Percent	17%, 52%, 57%
CMY	0.8317, 0.4823, 0.4313
CMYK	0.70, 0.09, 0.00, 0.43
HSL	188°, 54%, 37%
HSV	188°, 70%, 57%
XYZ	14.3569, 19.0605, 29.7177
YIQ	106.8710, -57.2170, -14.8250

Conversions

Conversions Part 2

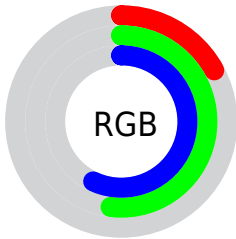
Format	Color
R_{YB}	43, 91, 145
Decimal	2851985
CIE _{Lab}	50.76, -21.47, -14.63
CIE _{LCh}	51, 25.979, 214.281
Yxy	19.0605, 0.2274, 0.3019
Android (android.graphics.Color)	4281042065 (0xFF2B8491)
YUV	106.8710, 18.7976, -56.0149
Hunter-Lab	43.6583, -17.7028, -9.7972

Details

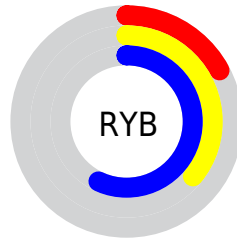
The Yxy color **19.0605, 0.2274, 0.3019** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.0175, 0.5233, 0.3488**, and the grayscale version is **14.6192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7050, 0.2458, 0.3083**, and **6.8608, 0.2133, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **18.3052, 0.2212, 0.2975**, and if you desaturate by 10%, it is **19.9375, 0.2355, 0.3062**.

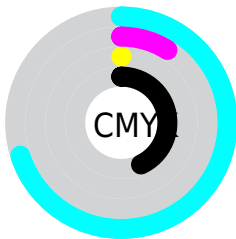
Distribution



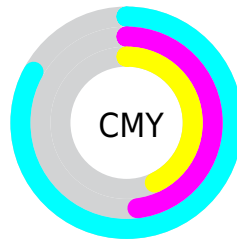
- Red (17%)
- Green (52%)
- Blue (57%)



- Red (17%)
- Yellow (36%)
- Blue (57%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0605, 0.2274, 0.3019 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 19.0605, 0.2274, 0.3019 by changing the saturation by 10% instead.

19.0605, 0.2274,
0.3019

19.0605, 0.2274,
0.3019

246.7826, 0.2749,
0.3187

11.7140, 0.2138,
0.2963

41.8363, 0.2459,
0.3090

6.5492, 0.1952,
0.2879

58.0344, 0.2525,
0.3113

3.1818, 0.1685,
0.2744

77.9518, 0.2579,
0.3132

1.2274, 0.1243,
0.2510

101.9730, 0.2624,
0.3147

0.0839, 0.0000,
0.0696

130.4822, 0.2663,
0.3159

0.0000, 0.0000,
0.0000

163.8640, 0.2696,

0.3170

202.5026, 0.2724,
0.3179

■ 19.0605, 0.2274,
0.3019

■ 19.0605, 0.2274,
0.3019

■ 18.3052, 0.2212,
0.2975

■ 19.9375, 0.2355,
0.3062

■ 17.6570, 0.2167,
0.2932

■ 20.9447, 0.2452,
0.3105

■ 17.1041, 0.2136,
0.2890

■ 22.0923, 0.2565,
0.3146

■ 23.3889, 0.2692,
0.3186

■ 24.8422, 0.2828,
0.3223

■ 26.4595, 0.2972,
0.3257

■ 28.2476, 0.3121,
0.3289

■ 30.2127, 0.3272,
0.3318

■ 32.3611, 0.3423,
0.3343

Harmonies

Analogous

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



19.0605, 0.2503, 0.3495



19.0605, 0.2274, 0.3019



19.0605, 0.2254, 0.2674

Triad

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



19.0605, 0.2274, 0.3019



19.0605, 0.3299, 0.2745



19.0605, 0.3820, 0.4102

Complementary

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



19.0605, 0.2274, 0.3019



9.0175, 0.5233, 0.3488

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.



19.0605, 0.4076, 0.3821



19.0605, 0.2274, 0.3019



19.0605, 0.3769, 0.3062

Square

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



19.0605, 0.2274, 0.3019



19.0605, 0.2812, 0.2550



19.0605, 0.4062, 0.3444



19.0605, 0.3388, 0.4169

Rectangle

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



19.0605, 0.2274, 0.3019



19.0605, 0.2357, 0.2548



19.0605, 0.4062, 0.3444



19.0605, 0.3931, 0.4026

Sweetspot

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



19.0612, 0.2274, 0.3019



44.1931, 0.2814, 0.3219



21.0428, 0.2960, 0.5276



9.6862, 0.2780, 0.3210



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.0612, 0.2274, 0.3019



32.1295, 0.2186, 0.2952



8.6005, 0.1997, 0.1882



6.0007, 0.2990, 0.3261



14.6927, 0.2137, 0.2893



0.1617, 0.2196, 0.3104

Inverse Universe

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



9.4098, 0.3418, 0.1925



14.5645, 0.3490, 0.1784



16.4792, 0.4507, 0.4304



5.4994, 0.3155, 0.3100



6.4696, 0.3550, 0.1729



0.0640, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 19.0605, 0.2274, 0.3019 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 19.0605, 0.2274, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

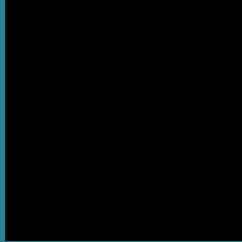
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0605, 0.2274, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 19.0605, 0.2274, 0.3019.

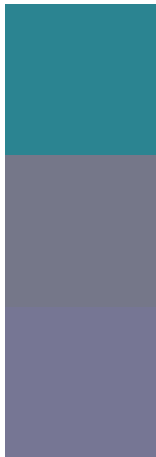


This preview shows how white text looks on a background with the Yxy color 19.0605, 0.2274, 0.3019.

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

19.0605, 0.2274, 0.3019

Protanopia

18.7817, 0.2903, 0.2955

Deuteranopia

18.9465, 0.2800, 0.2750



Tritanopia

18.9779, 0.2283, 0.3059

Trichromacy



Original Color

19.0605, 0.2274, 0.3019

Protanomaly

18.4824, 0.2599, 0.2973

Deuteranomaly

18.4966, 0.2546, 0.2826

Tritanomaly

19.0084, 0.2277, 0.3039

Monochromacy



Original Color

19.0605, 0.2274, 0.3019

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.7561, 0.2696, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0605, 0.2274, 0.3019 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(43, 132, 145)` looks like.

```
.text, #text, p{  
    color:rgb(43, 132, 145)  
}
```

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(43, 132, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 132, 145) }
```

Border

The CSS property to change the border of an element to Yxy 19.0605, 0.2274, 0.3019 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(43, 132, 145) }
```

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

```
.border{ border-color:rgb(43, 132, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 132, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 132, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 132, 145);  
box-shadow:4px 4px 4px 4px rgb(43, 132,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0605, 0.2274, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 132, 145) }
```

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

```
.background{ background-color: rgb(43, 132,  
145) }
```

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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