

Converting Colors

$Yxy(19.2542, 0.3003, 0.5727)$

Have a look what the booklet for
Yxy(19.2542, 0.3003, 0.5727)
contains.

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Color

Yxy(19.3403, 0.3001, 0.5727)

Conversions

Conversions Part 1

Format	Color
Hex	198D1C
RGB	25, 141, 28
RGB Percent	10%, 55%, 11%
CMY	0.9021, 0.4470, 0.8903
CMYK	0.82, 0.00, 0.80, 0.45
HSL	122°, 70%, 33%
HSV	122°, 82%, 55%
XYZ	10.1345, 19.3403, 4.2956
YIQ	93.4340, -32.8630, -59.7350

Conversions

Conversions Part 2

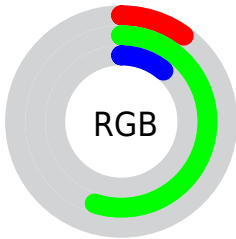
Format	Color
R_{YB}	25, 138, 141
Decimal	1674524
CIE Lab	51.08, -52.05, 47.58
CIE LCh	51, 70.520, 137.574
Yxy	19.3403, 0.3001, 0.5727
Android (android.graphics.Color)	4279864604 (0xFF198D1C)
YUV	93.4340, -32.2590, -60.0166
Hunter-Lab	43.9776, -35.8261, 24.9931

Details

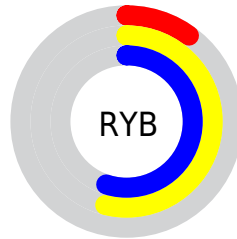
The Yxy color **19.3403, 0.3001, 0.5727** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8.1919, 0.3256, 0.1675**, and the grayscale version is **11.1337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4011, 0.3110, 0.5124**, and **7.1448, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **19.1537, 0.2997, 0.5893**, and if you desaturate by 10%, it is **19.6489, 0.3009, 0.5486**.

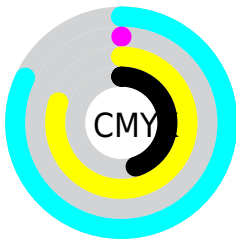
Distribution



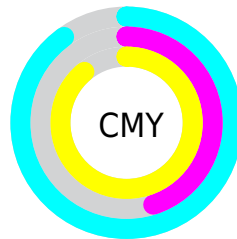
- Red (10%)
- Green (55%)
- Blue (11%)



- Red (10%)
- Yellow (54%)
- Blue (55%)



- Cyan (82%)
- Magenta (0%)
- Yellow (80%)
- Black (45%)




- Cyan (90%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3403, 0.3001, 0.5727 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 19.3403, 0.3001, 0.5727 by changing the saturation by 10% instead.


 19.3403, 0.3001,
0.5727


 19.3403, 0.3001,
0.5727


248.3210, 0.3171,
0.4242


 11.9164, 0.2883,
0.6188


 42.3083, 0.3107,
0.5117

 6.6868, 0.2688,
0.6880


 58.6213, 0.3132,
0.4908

 3.2670, 0.2257,
0.7743

 78.6661, 0.3147,
0.4741

 1.2727, 0.0000,
1.0000

 102.8271, 0.3157,
0.4604

 0.1199, 0.0000,
1.0000

 131.4887, 0.3163,
0.4491


 0.0000, 0.0000,
0.0000


 165.0352, 0.3167,


0.4395


 203.8512, 0.3170,
0.4313

 19.3403, 0.3001,
0.5727

 19.3403, 0.3001,
0.5727


 19.1537, 0.2997,
0.5893


 19.6489, 0.3009,
0.5486

 19.0591, 0.2994,
0.5977

 20.0927, 0.3022,
0.5188

 20.6858, 0.3038,
0.4856

 21.4400, 0.3055,
0.4515

 22.3658, 0.3073,
0.4182

■ 23.4728, 0.3091,
0.3872

■ 24.7699, 0.3108,
0.3592

■ 26.2656, 0.3124,
0.3343

■ 27.9677, 0.3138,
0.3125

Harmonies

Analogous

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



19.3403, 0.4116, 0.5448



19.3403, 0.3001, 0.5727



19.3403, 0.1969, 0.4685

Triad

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



19.3403, 0.3001, 0.5727



19.3403, 0.1298, 0.1605



19.3403, 0.5279, 0.2967

Complementary

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



19.3403, 0.3001, 0.5727



8.1919, 0.3256, 0.1675

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.



19.3403, 0.4119, 0.2283



19.3403, 0.3001, 0.5727



19.3403, 0.1815, 0.1543

Square

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



19.3403, 0.3001, 0.5727



19.3403, 0.1137, 0.2052



19.3403, 0.2778, 0.1779



19.3403, 0.5596, 0.3728

Rectangle

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



19.3403, 0.3001, 0.5727



19.3403, 0.1487, 0.3588



19.3403, 0.2778, 0.1779



19.3403, 0.4963, 0.2727

Sweetspot

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



19.3411, 0.3001, 0.5727



41.3536, 0.3086, 0.3970



24.6162, 0.4107, 0.4966



9.0998, 0.3080, 0.4065



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.3411, 0.3001, 0.5727



34.1412, 0.2996, 0.5976



19.9120, 0.2671, 0.4600



6.0315, 0.3113, 0.3511



17.3775, 0.2993, 0.5976



0.1665, 0.2962, 0.5862

Inverse Universe

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



8.1919, 0.3256, 0.1675



13.4311, 0.3274, 0.1581



6.9518, 0.4541, 0.2462



5.5087, 0.3141, 0.3079



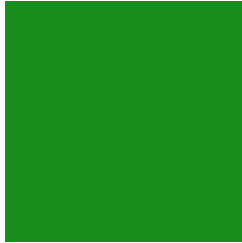
6.8197, 0.3273, 0.1577



0.0657, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 19.3403, 0.3001, 0.5727 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 19.3403, 0.3001, 0.5727 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 19.3403, 0.3001, 0.5727

Background



This preview shows how black text looks on a background with the Yxy color 19.3403, 0.3001, 0.5727.



This preview shows how white text looks on a background with the Yxy color 19.3403, 0.3001, 0.5727.

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

19.3403, 0.3001, 0.5727

Protanopia

18.9708, 0.4320, 0.4780

Deuteranopia

18.9940, 0.4490, 0.4425



Tritanopia

19.2097, 0.2390, 0.3064

Trichromacy



Original Color

19.3403, 0.3001, 0.5727

Protanomaly

17.9953, 0.3693, 0.5226

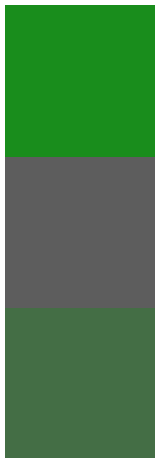
Deuteranomaly

17.5459, 0.3788, 0.4978

Tritanomaly

18.9205, 0.2640, 0.4067

Monochromacy



Original Color

19.3403, 0.3001, 0.5727

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

12.8105, 0.3065, 0.4347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3403, 0.3001, 0.5727 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(25, 141, 28)` looks like.

```
.text, #text, p{  
    color:rgb(25, 141, 28)  
}
```

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(25, 141, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 141, 28) }
```

Border

The CSS property to change the border of an element to Yxy 19.3403, 0.3001, 0.5727 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(25, 141, 28) }
```

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

```
.border{ border-color:rgb(25, 141, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 141, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 141, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 141, 28);  
box-shadow:4px 4px 4px 4px rgb(25, 141,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3403, 0.3001, 0.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 141, 28) }
```

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

```
.background{ background-color: rgb(25, 141,  
28) }
```

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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