

Converting Colors

$Yxy(19.2041, 0.2879, 0.5320)$

Have a look what the booklet for
Yxy(19.2041, 0.2879, 0.5320)
contains.

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Color

Yxy(19.2074, 0.2878, 0.5316)

Conversions

Conversions Part 1

Format	Color
Hex	188C35
RGB	24, 140, 53
RGB Percent	9%, 55%, 21%
CMY	0.9055, 0.4510, 0.7922
CMYK	0.83, 0.00, 0.62, 0.45
HSL	135°, 71%, 32%
HSV	135°, 83%, 55%
XYZ	10.3986, 19.2074, 6.5253
YIQ	95.3980, -41.2090, -51.6490

Conversions

Conversions Part 2

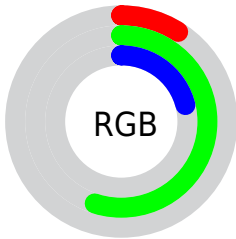
Format	Color
R _Y B	24, 117, 140
Decimal	1608757
CIE Lab	50.93, -49.35, 37.13
CIE LCh	51, 61.756, 143.044
Yxy	19.2074, 0.2878, 0.5316
Android (android.graphics.Color)	4279798837 (0xFF188C35)
YUV	95.3980, -20.9022, -62.6160
Hunter-Lab	43.8262, -34.3435, 21.8507

Details

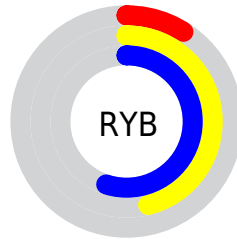
The Yxy color **19.2074, 0.2878, 0.5316** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7.3823, 0.3773, 0.1987**, and the grayscale version is **11.6091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2336, 0.2982, 0.4793**, and **6.9794, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **18.9917, 0.2895, 0.5537**, and if you desaturate by 10%, it is **19.5342, 0.2874, 0.5062**.

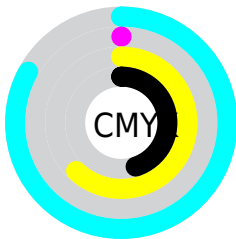
Distribution



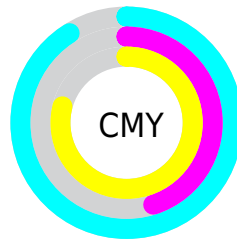
- Red (9%)
- Green (55%)
- Blue (21%)



- Red (9%)
- Yellow (46%)
- Blue (55%)



- Cyan (83%)
- Magenta (0%)
- Yellow (62%)
- Black (45%)




- Cyan (91%)
- Magenta (45%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2074, 0.2878, 0.5316 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 19.2074, 0.2878, 0.5316 by changing the saturation by 10% instead.


 19.2074, 0.2878,
0.5316


 19.2074, 0.2878,
0.5316


247.5913, 0.3083,
0.4071


 11.8202, 0.2775,
0.5726


 42.0843, 0.2983,
0.4794


 6.6214, 0.2594,
0.6316


 58.3428, 0.3012,
0.4620


 3.2265, 0.2379,
0.7621

 78.3271, 0.3033,
0.4482

 1.2511, 0.0000,
1.0000

 102.4218, 0.3048,
0.4369

 0.1028, 0.0000,
1.0000

 131.0112, 0.3060,
0.4275

 0.0000, 0.0000,
0.0000

 164.4796, 0.3069,

0.4196

203.2116, 0.3077,
0.4129

■ 19.2074, 0.2878,
0.5316

■ 19.2074, 0.2878,
0.5316

■ 18.9917, 0.2895,
0.5537

■ 19.5342, 0.2874,
0.5062

■ 18.8768, 0.2909,
0.5673

■ 19.9829, 0.2885,
0.4790

■ 20.5655, 0.2907,
0.4512

■ 21.2920, 0.2939,
0.4240

■ 22.1713, 0.2979,
0.3983

■ 23.2117, 0.3022,
0.3746

■ 24.4207, 0.3068,
0.3531

■ 25.8056, 0.3114,
0.3339

■ 27.3730, 0.3160,
0.3170

Harmonies

Analogous

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



19.2074, 0.3902, 0.5338



19.2074, 0.2878, 0.5316



19.2074, 0.1971, 0.4247

Triad

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



19.2074, 0.2878, 0.5316



19.2074, 0.1518, 0.1728



19.2074, 0.5145, 0.3157

Complementary

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



19.2074, 0.2878, 0.5316



7.3823, 0.3773, 0.1987

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.



19.2074, 0.4226, 0.2495



19.2074, 0.2878, 0.5316



19.2074, 0.2076, 0.1715

Square

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



19.2074, 0.2878, 0.5316



19.2074, 0.1311, 0.2085



19.2074, 0.3028, 0.1984



19.2074, 0.5316, 0.3890

Rectangle

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



19.2074, 0.2878, 0.5316



19.2074, 0.1569, 0.3329



19.2074, 0.3028, 0.1984



19.2074, 0.4909, 0.2926

Sweetspot

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



19.2082, 0.2878, 0.5316



40.3934, 0.3010, 0.3808



22.3300, 0.3802, 0.5194



9.1750, 0.2996, 0.3882



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.



19.2082, 0.2878, 0.5316



33.2809, 0.2916, 0.5689



20.0574, 0.2490, 0.3989



5.6274, 0.3085, 0.3458



16.7759, 0.2907, 0.5665



0.1135, 0.2698, 0.4914

Inverse Universe

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



7.3823, 0.3773, 0.1987



11.6571, 0.3949, 0.1954



6.5082, 0.5239, 0.2881



5.1080, 0.3172, 0.3127



5.8653, 0.3936, 0.1942



0.0413, 0.3540, 0.1724

Previews

White Background



This preview shows how the Yxy color 19.2074, 0.2878, 0.5316 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 19.2074, 0.2878, 0.5316 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 19.2074, 0.2878, 0.5316

Background



This preview shows how black text looks on a background with the Yxy color 19.2074, 0.2878, 0.5316.



This preview shows how white text looks on a background with the Yxy color 19.2074, 0.2878, 0.5316.

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

19.2074, 0.2878, 0.5316

Protanopia

18.9483, 0.4133, 0.4558

Deuteranopia

18.8836, 0.4262, 0.4201



Tritanopia

19.1463, 0.2378, 0.3063

Trichromacy



Original Color

19.2074, 0.2878, 0.5316

Protanomaly

18.0398, 0.3518, 0.4924

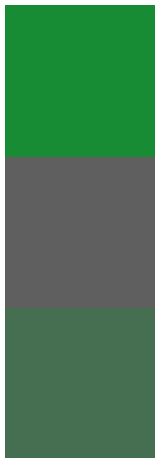
Deuteranomaly

17.5943, 0.3593, 0.4668

Tritanomaly

18.7803, 0.2553, 0.3832

Monochromacy



Original Color

19.2074, 0.2878, 0.5316

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

13.2133, 0.2956, 0.4074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2074, 0.2878, 0.5316 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(24, 140, 53)` looks like.

```
.text, #text, p{  
    color:rgb(24, 140, 53)  
}
```

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(24, 140, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 140, 53) }
```

Border

The CSS property to change the border of an element to Yxy 19.2074, 0.2878, 0.5316 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(24, 140, 53) }
```

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

```
.border{ border-color:rgb(24, 140, 53) }
```

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

Here you see how a box with a 4 pixel rgb(24, 140, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 140, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 140, 53);  
box-shadow:4px 4px 4px 4px rgb(24, 140,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2074, 0.2878, 0.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 140, 53) }
```

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

```
.background{ background-color: rgb(24, 140,  
53) }
```

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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