

Converting Colors

$Yxy(19.1113, 0.2925, 0.5036)$

Have a look what the booklet for
Yxy(19.1113, 0.2925, 0.5036)
contains.

Yxy(19.1167, 0.2922, 0.5026)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(19.1167, 0.2922, 0.5026)$

Conversions

Conversions Part 1

Format	Color
Hex	2E8A3F
RGB	46, 138, 63
RGB Percent	18%, 54%, 25%
CMY	0.8194, 0.4588, 0.7530
CMYK	0.67, 0.00, 0.54, 0.46
HSL	131°, 50%, 36%
HSV	131°, 67%, 54%
XYZ	11.1140, 19.1167, 7.8049
YIQ	101.9420, -30.7570, -42.8290

Conversions

Conversions Part 2

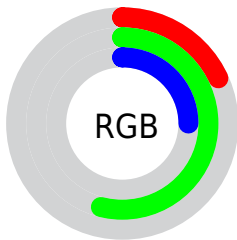
Format	Color
R_{YB}	46, 124, 138
Decimal	3050047
CIE Lab	50.82, -43.53, 32.13
CIE LCh	51, 54.106, 143.567
Yxy	19.1167, 0.2922, 0.5026
Android (android.graphics.Color)	4281240127 (0xFF2E8A3F)
YUV	101.9420, -19.1984, -49.0611
Hunter-Lab	43.7226, -31.1411, 20.0220

Details

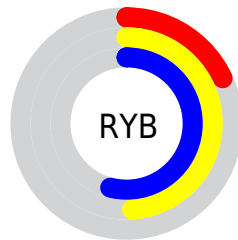
The Yxy color **19.1167, 0.2922, 0.5026** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8.7437, 0.3495, 0.2049**, and the grayscale version is **13.3323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7527, 0.3005, 0.4585**, and **6.8509, 0.2928, 0.5740** is the 20% darker color. If you saturate the color by 10%, you get **18.7333, 0.2917, 0.5303**, and if you desaturate by 10%, it is **19.6305, 0.2938, 0.4732**.

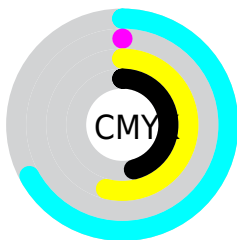
Distribution



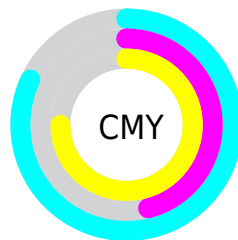
- Red (18%)
- Green (54%)
- Blue (25%)



- Red (18%)
- Yellow (49%)
- Blue (54%)



- Cyan (67%)
- Magenta (0%)
- Yellow (54%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1167, 0.2922, 0.5026 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 19.1167, 0.2922, 0.5026 by changing the saturation by 10% instead.

■ 19.1167, 0.2922,
0.5026

■ 19.1167, 0.2922,
0.5026

■ 247.0923, 0.3085,
0.3963

■ 11.7546, 0.2843,
0.5380

■ 41.9312, 0.3004,
0.4580

■ 6.5768, 0.2704,
0.5896

■ 58.1524, 0.3027,
0.4432

■ 3.1989, 0.2513,
0.6917

■ 78.0955, 0.3044,
0.4314

■ 1.2364, 0.0581,
0.9419

■ 102.1448, 0.3056,
0.4217

■ 0.0912, 0.0000,
1.0000

■ 130.6847, 0.3066,
0.4138

■ 0.0000, 0.0000,
0.0000

■ 164.0997, 0.3074,

0.4070

202.7741, 0.3080,
0.4013

■ 19.1167, 0.2922,
0.5026

■ 19.1167, 0.2922,
0.5026

■ 18.7333, 0.2917,
0.5303

■ 19.6305, 0.2938,
0.4732

■ 18.4660, 0.2924,
0.5545

■ 20.2828, 0.2962,
0.4435

■ 18.2964, 0.2939,
0.5739

■ 21.0835, 0.2993,
0.4149

■ 18.2485, 0.2943,
0.5794

■ 22.0413, 0.3028,
0.3882

■ 23.1639, 0.3065,
0.3639

■ 24.4587, 0.3103,
0.3421

■ 25.9325, 0.3139,
0.3228

■ 27.5918, 0.3175,
0.3059

■ 29.4429, 0.3209,
0.2911

Harmonies

Analogous

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



19.1167, 0.3850, 0.5120



19.1167, 0.2922, 0.5026



19.1167, 0.2098, 0.4103

Triad

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



19.1167, 0.2922, 0.5026



19.1167, 0.1674, 0.1877



19.1167, 0.4915, 0.3211

Complementary

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



19.1167, 0.2922, 0.5026



8.7437, 0.3495, 0.2049

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.



19.1167, 0.4117, 0.2592



19.1167, 0.2922, 0.5026



19.1167, 0.2200, 0.1863

Square

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



19.1167, 0.2922, 0.5026



19.1167, 0.1476, 0.2215



19.1167, 0.3067, 0.2115



19.1167, 0.5084, 0.3895

Rectangle

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



19.1167, 0.2922, 0.5026



19.1167, 0.1725, 0.3324



19.1167, 0.3067, 0.2115



19.1167, 0.4708, 0.2995

Sweetspot

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



19.1175, 0.2922, 0.5026



40.0439, 0.3051, 0.3728



22.4495, 0.3807, 0.4887



8.8742, 0.3042, 0.3787



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.1175, 0.2922, 0.5026



32.7576, 0.2919, 0.5431



19.8604, 0.2573, 0.3939



5.6223, 0.3093, 0.3473



16.7334, 0.2941, 0.5789



0.1128, 0.2765, 0.5154

Inverse Universe

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



8.7437, 0.3495, 0.2049



13.0415, 0.3601, 0.1895



7.8720, 0.4525, 0.2797



5.1134, 0.3163, 0.3113



6.0406, 0.3722, 0.1824



0.0420, 0.3442, 0.1670

Previews

White Background



This preview shows how the Yxy color 19.1167, 0.2922, 0.5026 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 19.1167, 0.2922, 0.5026 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 19.1167, 0.2922, 0.5026

Background



This preview shows how black text looks on a background with the Yxy color 19.1167, 0.2922, 0.5026.



This preview shows how white text looks on a background with the Yxy color 19.1167, 0.2922, 0.5026.

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

19.1167, 0.2922, 0.5026

Protanopia

18.7149, 0.4037, 0.4411

Deuteranopia

18.8021, 0.4133, 0.4077



Tritanopia

19.1239, 0.2447, 0.3085

Trichromacy



Original Color

19.1167, 0.2922, 0.5026

Protanomaly

18.2612, 0.3530, 0.4689

Deuteranomaly

17.8862, 0.3595, 0.4426

Tritanomaly

18.9370, 0.2623, 0.3753

Monochromacy



Original Color

19.1167, 0.2922, 0.5026

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

14.7599, 0.3023, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1167, 0.2922, 0.5026 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(46, 138, 63)` looks like.

```
.text, #text, p{  
    color:rgb(46, 138, 63)  
}
```

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(46, 138, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 138, 63) }
```

Border

The CSS property to change the border of an element to Yxy 19.1167, 0.2922, 0.5026 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(46, 138, 63) }
```

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

```
.border{ border-color:rgb(46, 138, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 138, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 138, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 138, 63);  
box-shadow:4px 4px 4px 4px rgb(46, 138,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1167, 0.2922, 0.5026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 138, 63) }
```

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

```
.background{ background-color: rgb(46, 138,  
63) }
```

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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