

Converting Colors

XYZ(9.5240, 18.3377, 3.0376)

Have a look what the booklet for
XYZ(9.5240, 18.3377, 3.0376)
contains.

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Color

**XYZ(9.5674, 18.4238,
3.0519)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1C8A00 |
| RGB | 28, 138, 0 |
| RGB Percent | 11%, 54%, 0% |
| CMY | 0.8902, 0.4588, 1.0000 |
| CMYK | 0.80, 0.00, 1.00, 0.46 |
| HSL | 108°, 100%, 27% |
| HSV | 108°, 100%, 54% |
| XYZ | 9.5674, 18.4238, 3.0519 |
| YIQ | 89.3780, -21.2620, -66.2380 |

Conversions

Conversions Part 2

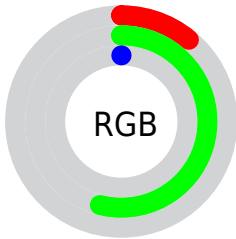
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 0, 138, 110 |
| Decimal | 1870336 |
| CIE _{Lab} | 50.01, -51.92, 53.05 |
| CIE _{LCh} | 50, 74.230, 134.383 |
| Yxy | 18.4238, 0.3082, 0.5935 |
| Android (android.graphics.Color) | 4280060416 (0xFF1C8A00) |
| YUV | 89.3780, -44.0634, -53.8285 |
| Hunter-Lab | 42.9230, -35.3280, 25.8304 |

Details

The XYZ color **9.5674, 18.4238, 3.0519** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **11.0194, 5.1509, 24.4591**, and the grayscale version is **9.6785, 10.1825, 11.0888**.

A 20% lighter version of the original color is **24.7726, 40.9662, 11.7559**, and **3.3278, 6.6556, 1.1093** is the 20% darker color. If you saturate the color by 10%, you get **9.5676, 18.4244, 3.0520**, and if you desaturate by 10%, it is **10.0036, 18.6402, 3.4794**.

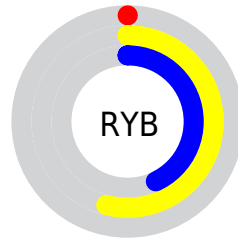
Distribution



Red (11%)

Green (54%)

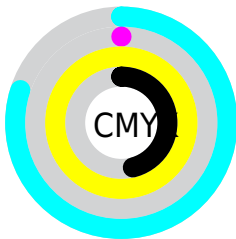
Blue (0%)



Red (0%)

Yellow (54%)

Blue (43%)

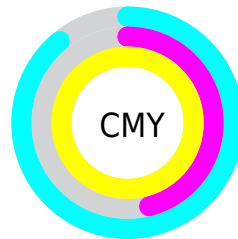


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (89%)


Magenta (46%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.5674, 18.4238, 3.0519 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 XYZ color 9.5674, 18.4238, 3.0519 by changing the saturation by 10% instead.


 9.5674, 18.4238,
3.0519


 9.5674, 18.4238,
3.0519


181.6750,
243.2491, 137.0189


 5.1731, 11.2547,
1.1212


 24.6357, 40.7582,
11.7562


 2.3850, 6.2384,
0.0000


 36.0405, 56.6922,
19.3670


 0.8376, 2.9906,
0.0000

 50.5128, 76.3166,
29.7081

 0.0000, 1.1268,
0.0000

 68.4180, 100.0159,
43.1982


 0.0000, 0.0007,
0.0000


 90.1215, 128.1744,
60.2558


 0.0000, 0.0000,
0.0000


 115.9885,


161.1765, 81.2994


 146.3846,
199.4066, 106.7476


 9.5674, 18.4238,
3.0519


 9.5674, 18.4238,
3.0519


 9.5676, 18.4244,
3.0520

 10.0036, 18.6402,
3.4794

 10.6094, 18.9378,
4.1705

 11.4210, 19.3329,
5.2653

 12.4564, 19.8334,
6.8127

 13.7312, 20.4467,
8.8550

■ 15.2597, 21.1793,
11.4293

■ 17.0551, 22.0372,
14.5693

■ 19.1294, 23.0260,
18.3060

■ 21.4942, 24.1510,
22.6680

Harmonies

Analogous

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



14.3224, 18.4238, 1.0012



9.5674, 18.4238, 3.0519



7.3500, 18.4238, 11.2400

Triad

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



9.5674, 18.4238, 3.0519



14.0745, 18.4238, 86.5869



34.4262, 18.4238, 11.8041

Complementary

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



9.5674, 18.4238, 3.0519



11.0194, 5.1509, 24.4591

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.



34.3064, 18.4238, 32.5919



9.5674, 18.4238, 3.0519



21.1414, 18.4238, 87.1681

Square

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



9.5674, 18.4238, 3.0519



9.4286, 18.4238, 61.9482



28.9542, 18.4238, 63.2243



29.2470, 18.4238, 3.2254

Rectangle

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



9.5674, 18.4238, 3.0519



7.0919, 18.4238, 23.2124



28.9542, 18.4238, 63.2243



35.0411, 18.4238, 17.2074

Sweetspot

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



9.5678, 18.4246, 3.0523



29.8415, 38.7381, 25.2897



15.8552, 16.1506, 2.2820



6.4256, 8.5609, 5.2004



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



9.5678, 18.4246, 3.0523



16.7549, 32.4190, 5.3744



9.4569, 18.3249, 4.9675



5.0605, 5.6539, 5.3770



8.7822, 16.8974, 2.7986



0.0683, 0.1174, 0.0191

Inverse Universe

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



11.0194, 5.1509, 24.4591



19.2915, 9.0110, 43.1057



12.7293, 6.3027, 12.3261



5.1362, 5.0786, 6.3154



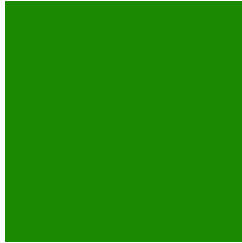
10.1145, 4.7283, 22.4253



0.0788, 0.0374, 0.1495

Previews

White Background



This preview shows how the XYZ color 9.5674, 18.4238, 3.0519 looks on a white background.

Color Contrast Check

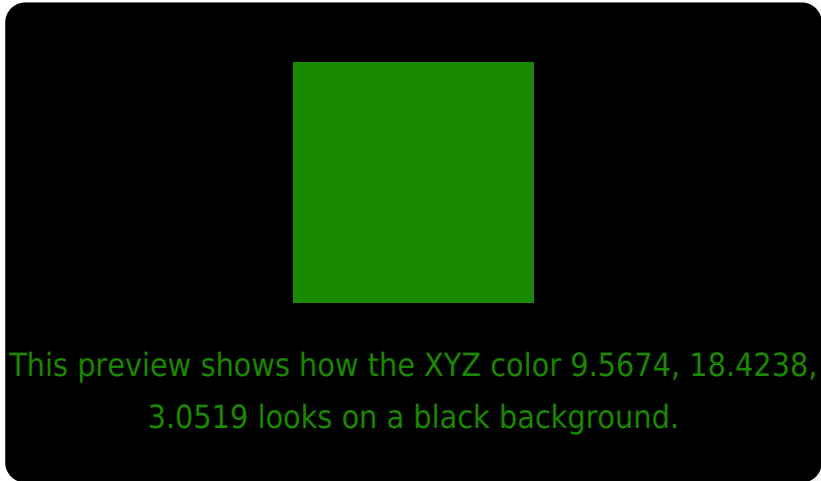
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

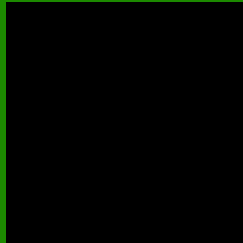
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 9.5674, 18.4238, 3.0519

Background



This preview shows how black text looks on a background with the XYZ color 9.5674, 18.4238, 3.0519.



This preview shows how white text looks on a background with the XYZ color 9.5674, 18.4238,

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

9.5674, 18.4238, 3.0519

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.4229, 18.0716, 3.7455



Tritanopia

14.4293, 18.3592, 27.2093

Trichromacy



Original Color

9.5674, 18.4238, 3.0519

Protanomaly

12.1802, 17.3546, 2.7078

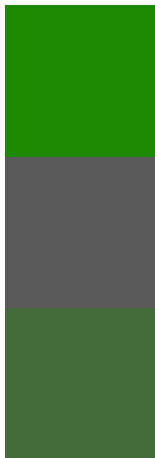
Deuteranomaly

12.7806, 16.7250, 3.1707

Tritanomaly

11.3281, 17.8852, 12.0877

Monochromacy



Original Color

9.5674, 18.4238, 3.0519

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.3110, 12.0041, 5.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5674, 18.4238, 3.0519 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(28, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 138, 0)  
}
```

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(28, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.5674, 18.4238, 3.0519 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(28, 138, 0) }
```


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

```
.border{ border-color:rgb(28, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 138, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.5674, 18.4238, 3.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 138, 0) }
```

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

```
.background{ background-color: rgb(28, 138,  
0) }
```

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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