

Converting Colors

XYZ(9.4759, 18.5158, 3.5009)

Have a look what the booklet for
XYZ(9.4759, 18.5158, 3.5009)
contains.

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Color

**XYZ(9.5256, 18.6071,
3.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	108B0E
RGB	16, 139, 14
RGB Percent	6%, 55%, 5%
CMY	0.9372, 0.4549, 0.9451
CMYK	0.88, 0.00, 0.90, 0.45
HSL	119°, 82%, 30%
HSV	119°, 90%, 55%
XYZ	9.5256, 18.6071, 3.5049
YIQ	87.9730, -33.1830, -64.9510

Conversions

Conversions Part 2

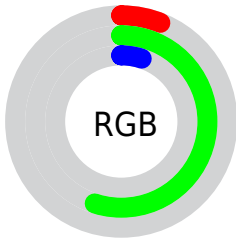
Format	Color
RYB	14, 139, 137
Decimal	1084174
CIELab	50.22, -53.20, 50.56
CIELCh	50, 73.392, 136.458
Yxy	18.6071, 0.3011, 0.5881
Android (android.graphics.Color)	4279274254 (0xFF108B0E)
YUV	87.9730, -36.4687, -63.1203
Hunter-Lab	43.1359, -36.0702, 25.3777

Details

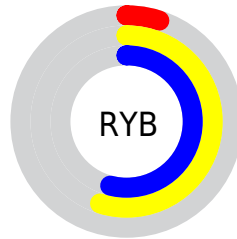
The XYZ color **9.5256, 18.6071, 3.5049** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **15.1351, 7.4973, 25.0765**, and the grayscale version is **9.3529, 9.8400, 10.7158**.

A 20% lighter version of the original color is **24.6142, 41.1885, 12.9562**, and **3.4082, 6.8164, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **9.2627, 18.4812, 3.0821**, and if you desaturate by 10%, it is **9.9676, 18.8206, 4.2002**.

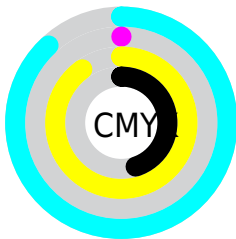
Distribution



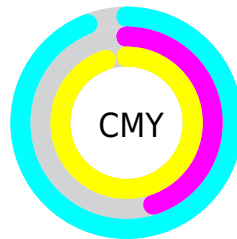
- Red (6%)
- Green (55%)
- Blue (5%)



- Red (5%)
- Yellow (55%)
- Blue (54%)



- Cyan (88%)
- Magenta (0%)
- Yellow (90%)
- Black (45%)



- Cyan (94%)
- Magenta (45%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5256, 18.6071, 3.5049 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 9.5256, 18.6071, 3.5049 by changing the saturation by 10% instead.

■ 9.5256, 18.6071,
3.5049

■ 9.5256, 18.6071,
3.5049

181.3772,
244.2711, 142.5522

■ 5.1454, 11.3867,
1.3579

■ 24.5572, 41.0691,
12.8508

■ 2.3685, 6.3276,
0.1085

■ 35.9392, 57.0796,
20.8867

■ 0.8294, 3.0453,
0.0000

■ 50.3860, 76.7888,
31.7227

■ 0.0000, 1.1554,
0.0000

■ 68.2627, 100.5813,
45.7773


■ 0.0000, 0.0248,
0.0000


■ 89.9349, 128.8413,
63.4690


■ 0.0000, 0.0000,
0.0000


■ 115.7678,


161.9534, 85.2163


 146.1267,
200.3018, 111.4379


 9.5256, 18.6071,
3.5049


 9.5256, 18.6071,
3.5049


 9.2627, 18.4812,
3.0821


 9.9676, 18.8206,
4.2002

 9.2608, 18.4803,
3.0790

 10.6589, 19.1532,
5.3076

 11.6292, 19.6196,
6.8781

 12.9039, 20.2321,
8.9548

 14.5056, 21.0014,
11.5760

■ 16.4546, 21.9374,
14.7765

■ 18.7697, 23.0489,
18.5878

■ 21.4683, 24.3443,
23.0395

■ 24.5666, 25.8315,
28.1591

Harmonies

Analogous

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



14.0953, 18.6071, 1.1432



9.5256, 18.6071, 3.5049



7.4621, 18.6071, 12.4199

Triad

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



9.5256, 18.6071, 3.5049



14.6798, 18.6071, 86.9214



34.2590, 18.6071, 11.0846

Complementary

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



9.5256, 18.6071, 3.5049



15.1351, 7.4973, 25.0765

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.



34.5390, 18.6071, 30.8537



9.5256, 18.6071, 3.5049



21.8387, 18.6071, 85.5695

Square

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



9.5256, 18.6071, 3.5049



9.8543, 18.6071, 63.8237



29.5312, 18.6071, 60.8493



28.8455, 18.6071, 3.0862

Rectangle

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



9.5256, 18.6071, 3.5049



7.2987, 18.6071, 24.9798



29.5312, 18.6071, 60.8493



34.9983, 18.6071, 16.1756

Sweetspot

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



9.5260, 18.6079, 3.5053



30.3748, 39.7208, 27.9555



19.6614, 23.3893, 3.8940



6.7341, 9.0254, 6.0058



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



9.5260, 18.6079, 3.5053



16.5702, 33.0867, 5.5130



10.6645, 19.0595, 9.6700



4.9788, 5.6118, 5.3732



8.3594, 16.6794, 2.7789



0.0564, 0.1112, 0.0185

Inverse Universe

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



15.1351, 7.4973, 25.0765



26.7421, 12.8220, 44.8084



12.2013, 6.3620, 7.9037



5.2261, 5.1250, 6.3196



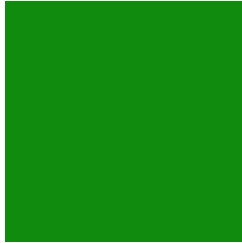
13.4861, 6.4665, 22.5830



0.0908, 0.0436, 0.1501

Previews

White Background



This preview shows how the XYZ color 9.5256, 18.6071, 3.5049 looks on a white background.

Color Contrast Check

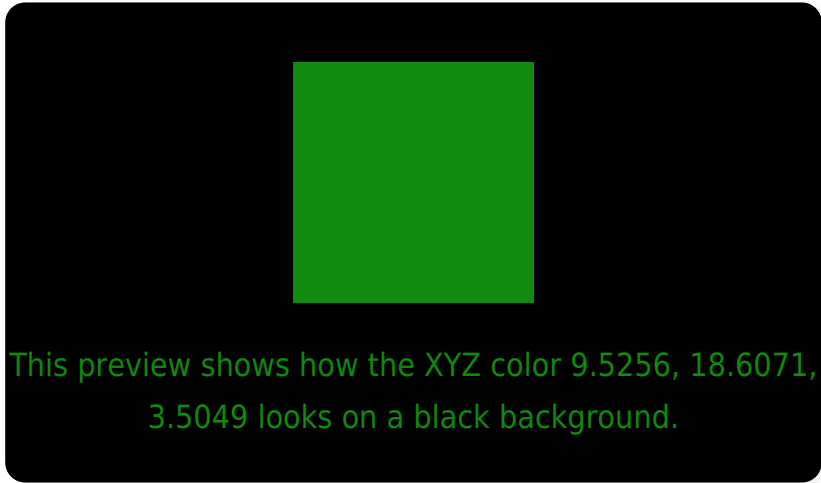
Large Text (above 18pt) WCAG AA ✓ Pass

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

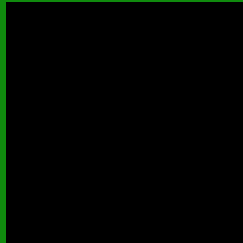
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 9.5256, 18.6071, 3.5049

Background



This preview shows how black text looks on a background with the XYZ color 9.5256, 18.6071, 3.5049.



This preview shows how white text looks on a background with the XYZ color 9.5256, 18.6071,

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

9.5256, 18.6071, 3.5049

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.5741, 18.3096, 3.9940



Tritanopia

14.4474, 18.5546, 27.6309

Trichromacy



Original Color

9.5256, 18.6071, 3.5049



Protanomaly

11.8026, 17.1568, 2.8331



Deuteranomaly

12.5128, 16.7604, 3.5529



Tritanomaly

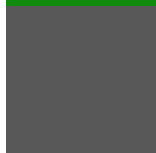
11.4466, 18.1187, 13.4836

Monochromacy



Original Color

9.5256, 18.6071, 3.5049



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

8.0866, 11.8764, 6.2811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5256, 18.6071, 3.5049 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(16, 139, 14)` looks like.

```
.text, #text, p{  
    color:rgb(16, 139, 14)  
}
```

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(16, 139, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 139, 14) }
```

Border

The CSS property to change the border of an element to XYZ 9.5256, 18.6071, 3.5049 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(16, 139, 14) }
```


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

```
.border{ border-color:rgb(16, 139, 14) }
```

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

Here you see how a box with a 4 pixel rgb(16, 139, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 139, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 139, 14);  
box-shadow:4px 4px 4px 4px rgb(16, 139,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5256, 18.6071, 3.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 139, 14) }
```

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

```
.background{ background-color: rgb(16, 139,  
14) }
```

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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