

Converting Colors

XYZ(17.1254, 9.8666, 1.3124)

Have a look what the booklet for
XYZ(17.1254, 9.8666, 1.3124)
contains.

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Color

**XYZ(17.1157, 9.8454,
1.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	A9260B
RGB	169, 38, 11
RGB Percent	66%, 15%, 4%
CMY	0.3373, 0.8509, 0.9569
CMYK	0.00, 0.78, 0.93, 0.34
HSL	10°, 88%, 35%
HSV	10°, 93%, 66%
XYZ	17.1157, 9.8454, 1.3149
YIQ	74.0910, 86.7430, 19.3750

Conversions

Conversions Part 2

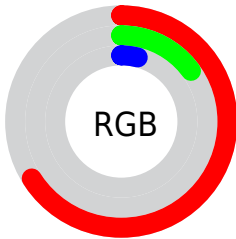
Format	Color
RYB	169, 44, 11
Decimal	11085323
CIELab	37.56, 51.47, 46.47
CIElCh	38, 69.344, 42.073
Yxy	9.8454, 0.6053, 0.3482
Android (android.graphics.Color)	4289275403 (0xFFA9260B)
YUV	74.0910, -31.1039, 83.2352
Hunter-Lab	31.3774, 42.4576, 19.4796

Details

The XYZ color **17.1157, 9.8454, 1.3149** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.9711, 22.2791, 40.9416**, and the grayscale version is **6.5687, 6.9108, 7.5258**.

A 20% lighter version of the original color is **38.0708, 25.4770, 7.0487**, and **6.1843, 3.1881, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **16.7987, 9.3082, 0.9113**, and if you desaturate by 10%, it is **17.7994, 10.9762, 2.2730**.

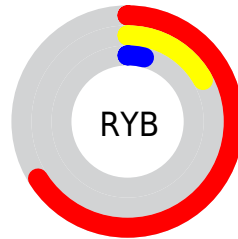
Distribution



Red (66%)

Green (15%)

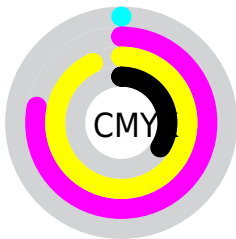
Blue (4%)



Red (66%)

Yellow (17%)

Blue (4%)

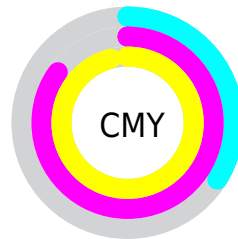


Cyan (0%)

Magenta (78%)

Yellow (93%)

Black (34%)



Cyan (34%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1157, 9.8454, 1.3149 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 17.1157, 9.8454, 1.3149 by changing the saturation by 10% instead.

■ 17.1157, 9.8454,
1.3149

■ 17.1157, 9.8454,
1.3149

■ 228.9815,
189.5651, 110.6198

■ 10.4128, 5.2966,
0.0740

■ 38.0666, 25.5043,
7.0652

■ 5.7379, 2.4223,
0.0000

■ 53.0454, 37.3832,
12.6575

■ 2.7255, 0.8373,
0.0000

■ 71.5135, 52.4742,
20.6193

■ 1.0103, 0.0000,
0.0000

■ 93.8363, 71.1617,
31.3691


■ 0.0000, 0.0000,
0.0000


■ 120.3791, 93.8302,
45.3255


■ 151.5074,


120.8640, 62.9071


 187.5864,
152.6475, 84.5323


 17.1157, 9.8454,
1.3149


 17.1157, 9.8454,
1.3149


 16.7987, 9.3082,
0.9113

 17.7994, 10.9762,
2.2730

 18.7820, 12.5231,
3.8900

 20.0952, 14.5232,
6.2588

 21.7665, 17.0088,
9.4573

 23.8200, 20.0093,
13.5533

■ 26.2781, 23.5517,
18.6078

■ 29.1611, 27.6610,
24.6764

■ 32.4882, 32.3608,
31.8105

■ 36.2772, 37.6732,
40.0578

Harmonies

Analogous

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



20.2618, 9.8454, 6.4210



17.1157, 9.8454, 1.3149



12.2005, 9.8454, 0.0000

Triad

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



17.1157, 9.8454, 1.3149



3.4095, 9.8454, 4.8726



11.2344, 9.8454, 55.9165

Complementary

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



17.1157, 9.8454, 1.3149



16.9711, 22.2791, 40.9416

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.



6.9949, 9.8454, 54.0185



17.1157, 9.8454, 1.3149



3.2971, 9.8454, 16.6054

Square

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



17.1157, 9.8454, 1.3149



4.7686, 9.8454, 0.9292



4.3906, 9.8454, 36.4077



16.2210, 9.8454, 40.4918

Rectangle

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



17.1157, 9.8454, 1.3149



9.0561, 9.8454, 0.0000



4.3906, 9.8454, 36.4077



9.6661, 9.8454, 57.4899

Sweetspot

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



17.1159, 9.8460, 1.3150



49.5416, 45.7221, 38.5150



21.4144, 10.6474, 26.7808



10.3461, 9.3201, 7.4479



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.1159, 9.8460, 1.3150



29.9806, 16.4603, 1.5970



22.7064, 21.0270, 3.1785



7.6309, 7.7419, 7.8814



12.5484, 6.9940, 0.6886



0.3345, 0.2287, 0.0265

Inverse Universe

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



16.9711, 22.2791, 40.9416



29.5154, 38.5096, 73.1026



9.1141, 6.5652, 38.3226



7.6368, 8.3106, 9.6199



12.3730, 16.2063, 30.4515



0.3290, 0.4501, 0.7502

Previews

White Background



This preview shows how the XYZ color 17.1157, 9.8454, 1.3149 looks on a white background.

Color Contrast Check

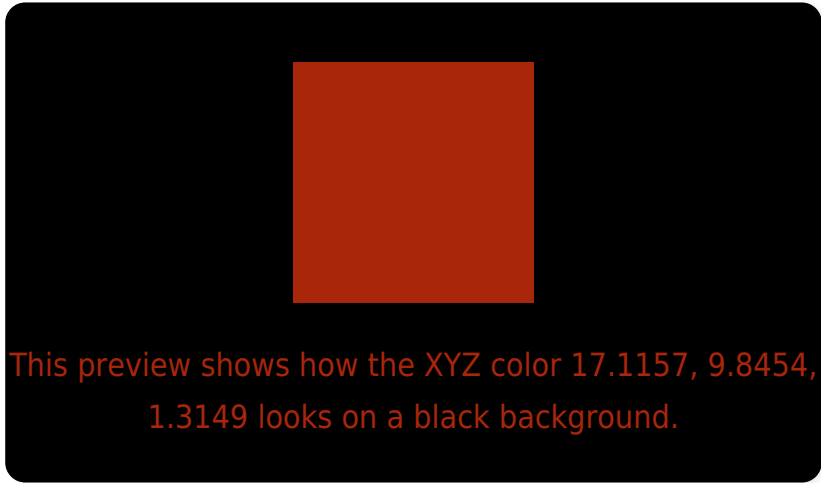
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1157, 9.8454, 1.3149

Background



This preview shows how black text looks on a background with the XYZ color 17.1157, 9.8454, 1.3149.



This preview shows how white text looks on a background with the XYZ color 17.1157, 9.8454,

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

17.1157, 9.8454, 1.3149

Protanopia

9.1879, 10.1450, 2.3381

Deuteranopia

10.0586, 10.0077, 1.4015



Tritanopia

17.3115, 9.8241, 2.6529

Trichromacy



Original Color

17.1157, 9.8454, 1.3149

Protanomaly

10.9750, 8.9891, 1.7727

Deuteranomaly

11.7619, 9.1296, 1.2571

Tritanomaly

17.2216, 9.8373, 2.0280

Monochromacy



Original Color

17.1157, 9.8454, 1.3149

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

8.5730, 6.8277, 3.9980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1157, 9.8454, 1.3149 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(169, 38, 11)` looks like.

```
.text, #text, p{  
    color:rgb(169, 38, 11)  
}
```

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(169, 38, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 38, 11) }
```

Border

The CSS property to change the border of an element to XYZ 17.1157, 9.8454, 1.3149 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(169, 38, 11) }
```


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

```
.border{ border-color:rgb(169, 38, 11) }
```

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

Here you see how a box with a 4 pixel rgb(169, 38, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 38, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 38, 11);  
box-shadow:4px 4px 4px 4px rgb(169, 38,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1157, 9.8454, 1.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 38, 11) }
```

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

```
.background{ background-color: rgb(169, 38,  
11) }
```

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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