

Converting Colors

XYZ(14.5687, 10.5642, 1.8047)

Have a look what the booklet for
XYZ(14.5687, 10.5642, 1.8047)
contains.

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Color

**XYZ(14.5627, 10.5643,
1.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	954411
RGB	149, 68, 17
RGB Percent	58%, 27%, 7%
CMY	0.4157, 0.7333, 0.9333
CMYK	0.00, 0.54, 0.89, 0.42
HSL	23°, 80%, 33%
HSV	23°, 89%, 58%
XYZ	14.5627, 10.5643, 1.8019
YIQ	86.4050, 64.6470, 1.3110

Conversions

Conversions Part 2

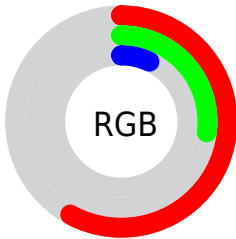
Format	Color
R_{YB}	149, 100, 17
Decimal	9782289
CIE Lab	38.84, 31.18, 43.58
CIE LCh	39, 53.588, 54.413
Yxy	10.5643, 0.5408, 0.3923
Android (android.graphics.Color)	4287972369 (0xFF954411)
YUV	86.4050, -34.2167, 54.8958
Hunter-Lab	32.5028, 23.0962, 19.4650

Details

The XYZ color **14.5627, 10.5643, 1.8019** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.0232, 11.0237, 30.0329**, and the grayscale version is **8.9931, 9.4615, 10.3035**.

A 20% lighter version of the original color is **33.7563, 26.9055, 8.5684**, and **4.5645, 2.7245, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **13.9627, 9.5080, 1.1597**, and if you desaturate by 10%, it is **15.3179, 11.8218, 2.8340**.

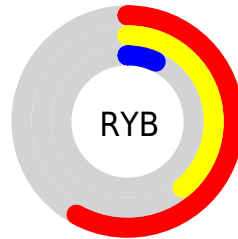
Distribution



Red (58%)

Green (27%)

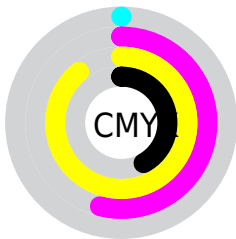
Blue (7%)



Red (58%)

Yellow (39%)

Blue (7%)

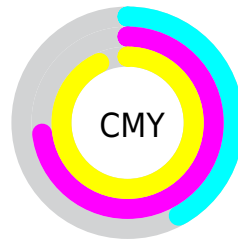


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5627, 10.5643, 1.8019 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 14.5627, 10.5643, 1.8019 by changing the saturation by 10% instead.

■ 14.5627, 10.5643,
1.8019

■ 14.5627, 10.5643,
1.8019

214.1451,
194.6535, 119.2207

■ 8.5974, 5.7747,
0.4292

■ 33.6622, 26.8516,
8.4918

■ 4.5345, 2.7086,
0.0000

■ 47.5270, 39.1181,
14.7389

■ 2.0087, 0.9815,
0.0000

■ 64.7558, 54.6457,
23.4789

■ 0.6389, 0.0000,
0.0000

■ 85.7137, 73.8187,
35.1303


■ 0.0000, 0.0000,
0.0000


■ 110.7663, 97.0216,
50.1116


■ 140.2788,


124.6388, 68.8415


 174.6167,
157.0546, 91.7383


 14.5627, 10.5643,
1.8019


 14.5627, 10.5643,
1.8019


 13.9627, 9.5080,
1.1597


 15.3179, 11.8218,
2.8340

 13.8859, 9.3727,
1.0772

 16.2544, 13.2952,
4.3780

 17.3870, 14.9967,
6.4929

 18.7283, 16.9367,
9.2297

 20.2900, 19.1248,
12.6334

■ 22.0825, 21.5700,
16.7450

■ 24.1158, 24.2810,
21.6019

■ 26.3990, 27.2658,
27.2392

■ 28.9410, 30.5322,
33.6893

Harmonies

Analogous

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



17.6320, 10.5643, 5.1647



14.5627, 10.5643, 1.8019



10.7207, 10.5643, 0.9527

Triad

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



14.5627, 10.5643, 1.8019



4.6624, 10.5643, 9.7018



13.1365, 10.5643, 40.0861

Complementary

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



14.5627, 10.5643, 1.8019



10.0232, 11.0237, 30.0329

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.



9.3908, 10.5643, 44.0140



14.5627, 10.5643, 1.8019



5.0178, 10.5643, 21.6283

Square

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



14.5627, 10.5643, 1.8019



5.4482, 10.5643, 3.4622



6.5681, 10.5643, 35.8667



16.6819, 10.5643, 27.0516

Rectangle

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



14.5627, 10.5643, 1.8019



8.4352, 10.5643, 1.0555



6.5681, 10.5643, 35.8667



11.8387, 10.5643, 42.7476

Sweetspot

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



14.5629, 10.5649, 1.8021



39.9062, 39.1126, 30.8308



14.8183, 7.6799, 12.3560



8.6147, 8.3588, 6.2969



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.5629, 10.5649, 1.8021



24.7051, 16.4593, 1.8749



20.9653, 23.3697, 3.9362



5.9736, 6.1610, 6.1148



11.7142, 7.9428, 0.9157



0.1705, 0.1514, 0.0202

Inverse Universe

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



10.0232, 11.0237, 30.0329



16.3020, 17.0597, 53.3549



6.1834, 3.3439, 28.7530



5.7778, 6.1896, 7.3599



7.7745, 8.2437, 25.1125



0.1238, 0.1582, 0.3169

Previews

White Background



This preview shows how the XYZ color 14.5627, 10.5643, 1.8019 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 × Fail

Black Background



This preview shows how the XYZ color 14.5627, 10.5643, 1.8019 looks on a black 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

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

XYZ 14.5627, 10.5643, 1.8019

Background



This preview shows how black text looks on a background with the XYZ color 14.5627, 10.5643, 1.8019.



This preview shows how white text looks on a background with the XYZ color 14.5627, 10.5643,

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

14.5627, 10.5643, 1.8019

Protanopia

9.6907, 10.6592, 2.3573

Tritanopia

15.5834, 10.5517, 6.6842

Trichromacy



Original Color

14.5627, 10.5643, 1.8019

Protanomaly

10.9743, 10.2337, 2.1064

Tritanomaly

15.0224, 10.4864, 4.1380

Monochromacy



Original Color

14.5627, 10.5643, 1.8019

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.9450, 9.1801, 5.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5627, 10.5643, 1.8019 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(149, 68, 17)` looks like.

```
.text, #text, p{  
    color:rgb(149, 68, 17)  
}
```

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(149, 68, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 68, 17) }
```

Border

The CSS property to change the border of an element to XYZ 14.5627, 10.5643, 1.8019 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(149, 68, 17) }
```

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

```
.border{ border-color:rgb(149, 68, 17) }
```

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

Here you see how a box with a 4 pixel rgb(149, 68, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 68, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 68, 17);  
box-shadow:4px 4px 4px 4px rgb(149, 68,  
17) }
```


Background

The CSS property to change the background color of an element to XYZ 14.5627, 10.5643, 1.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 68, 17) }
```

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

```
.background{ background-color: rgb(149, 68,  
17) }
```

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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