

Converting Colors

XYZ(14.7652, 10.9431, 1.9501)

Have a look what the booklet for
XYZ(14.7652, 10.9431, 1.9501)
contains.

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Color

**XYZ(14.7652, 10.9431,
1.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	954713
RGB	149, 71, 19
RGB Percent	58%, 28%, 7%
CMY	0.4157, 0.7215, 0.9255
CMYK	0.00, 0.52, 0.87, 0.42
HSL	24°, 77%, 33%
HSV	24°, 87%, 58%
XYZ	14.7652, 10.9431, 1.9501
YIQ	88.3940, 63.1800, 0.3640

Conversions

Conversions Part 2

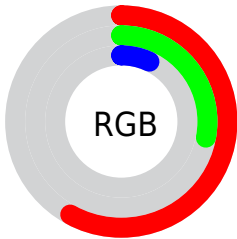
Format	Color
R_{YB}	149, 106, 19
Decimal	9783059
CIE _{Lab}	39.48, 29.63, 43.34
CIE _{LCh}	39, 52.495, 55.641
Yxy	10.9431, 0.5338, 0.3957
Android (android.graphics.Color)	4287973139 (0xFF954713)
YUV	88.3940, -34.2112, 53.1515
Hunter-Lab	33.0804, 21.7817, 19.6611

Details

The XYZ color **14.7652, 10.9431, 1.9501** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.9676, 10.8569, 30.0037**, and the grayscale version is **9.4255, 9.9163, 10.7989**.

A 20% lighter version of the original color is **34.1450, 27.6353, 8.8447**, and **4.7403, 2.9286, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **14.1430, 9.8509, 1.2738**, and if you desaturate by 10%, it is **15.5462, 12.2337, 3.0479**.

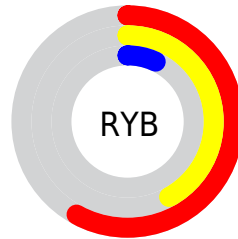
Distribution



Red (58%)

Green (28%)

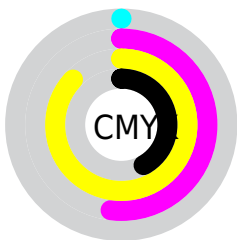
Blue (7%)



Red (58%)

Yellow (42%)

Blue (7%)

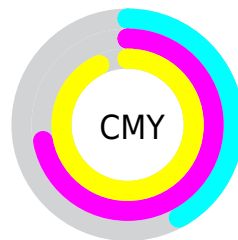


Cyan (0%)

Magenta (52%)

Yellow (87%)

Black (42%)



Cyan (42%)


Magenta (72%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7652, 10.9431, 1.9501 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 14.7652, 10.9431, 1.9501 by changing the saturation by 10% instead.


 14.7652, 10.9431,
1.9501


 14.7652, 10.9431,
1.9501


215.3573,
197.2768, 121.5971


 8.7400, 6.0286,
0.5243


 34.0158, 27.5549,
8.9039


 4.6277, 2.8625,
0.0000


 47.9719, 40.0210,
15.3326

 2.0630, 1.0604,
0.0000

 65.3024, 55.7730,
24.2871

 0.6690, 0.0000,
0.0000

 86.3725, 75.1955,
36.1861


 0.0000, 0.0000,
0.0000


 111.5477, 98.6727,
51.4480


 141.1934,


126.5890, 70.4915


 175.6748,
159.3289, 93.7350


 14.7652, 10.9431,
1.9501


 14.7652, 10.9431,
1.9501


 14.1430, 9.8509,
1.2738


 15.5462, 12.2337,
3.0479

 13.9896, 9.5800,
1.1118

 16.5073, 13.7351,
4.6649

 17.6624, 15.4587,
6.8590

 19.0241, 17.4143,
9.6799

 20.6035, 19.6110,
13.1721

■ 22.4108, 22.0575,
17.3759

■ 24.4557, 24.7618,
22.3284

■ 26.7470, 27.7316,
28.0642

■ 29.2932, 30.9743,
34.6155

Harmonies

Analogous

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



17.8782, 10.9431, 5.2831



14.7652, 10.9431, 1.9501



10.9304, 10.9431, 1.1064

Triad

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



14.7652, 10.9431, 1.9501



4.9574, 10.9431, 10.4856



13.6553, 10.9431, 39.7898

Complementary

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



14.7652, 10.9431, 1.9501



9.9676, 10.8569, 30.0037

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.



9.8892, 10.9431, 44.1274



14.7652, 10.9431, 1.9501



5.3677, 10.9431, 22.5785

Square

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



14.7652, 10.9431, 1.9501



5.7097, 10.9431, 3.9193



6.9947, 10.9431, 36.5510



17.1416, 10.9431, 26.7681

Rectangle

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



14.7652, 10.9431, 1.9501



8.6616, 10.9431, 1.2495



6.9947, 10.9431, 36.5510



12.3591, 10.9431, 42.5438

Sweetspot

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



14.7654, 10.9437, 1.9503



40.3845, 39.8355, 31.7111



14.7849, 7.7184, 12.0199



8.7152, 8.5138, 6.4723



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.



14.7654, 10.9437, 1.9503



24.8878, 16.8247, 1.9358



21.3159, 24.0447, 4.1338



5.9798, 6.1735, 6.1169



11.8019, 8.1182, 0.9449



0.1720, 0.1544, 0.0207

Inverse Universe

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



9.9676, 10.8569, 30.0037



15.9920, 16.4398, 53.2516



6.2099, 3.3415, 28.7511



5.7714, 6.1768, 7.3578



7.6296, 7.9540, 25.0642



0.1223, 0.1552, 0.3164

Previews

White Background



This preview shows how the XYZ color 14.7652, 10.9431, 1.9501 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

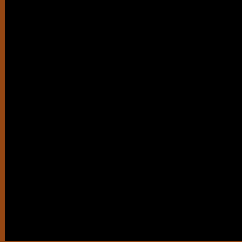
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7652, 10.9431, 1.9501

Background



This preview shows how black text looks on a background with the XYZ color 14.7652, 10.9431, 1.9501.



This preview shows how white text looks on a background with the XYZ color 14.7652, 10.9431,

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

14.7652, 10.9431, 1.9501

Protanopia

10.0039, 11.0789, 2.5309

Deuteranopia

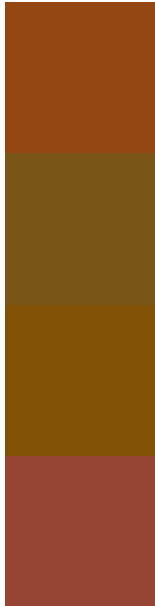
11.1801, 11.0667, 1.5468



Tritanopia

15.8480, 10.9307, 7.2358

Trichromacy



Original Color

14.7652, 10.9431, 1.9501

Protanomaly

11.3676, 10.7824, 2.2927

Deuteranomaly

12.2616, 10.7958, 1.6385

Tritanomaly

15.2646, 10.8662, 4.5417

Monochromacy



Original Color

14.7652, 10.9431, 1.9501

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.3449, 9.7085, 6.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7652, 10.9431, 1.9501 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, 71, 19)` looks like.

```
.text, #text, p{  
    color:rgb(149, 71, 19)  
}
```

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, 71, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 71, 19) }
```

Border

The CSS property to change the border of an element to XYZ 14.7652, 10.9431, 1.9501 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, 71, 19) }
```


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

```
.border{ border-color:rgb(149, 71, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 71, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 71, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 71, 19);  
box-shadow:4px 4px 4px 4px rgb(149, 71,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7652, 10.9431, 1.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 71, 19) }
```

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

```
.background{ background-color: rgb(149, 71,  
19) }
```

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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