

Converting Colors

XYZ(17.0578, 14.3334, 1.8676)

Have a look what the booklet for
XYZ(17.0578, 14.3334, 1.8676)
contains.

XYZ(17.0675, 14.3522, 1.8707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0675, 14.3522,
1.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5B00
RGB	154, 91, 0
RGB Percent	60%, 36%, 0%
CMY	0.3961, 0.6431, 1.0000
CMYK	0.00, 0.41, 1.00, 0.40
HSL	35°, 100%, 30%
HSV	35°, 100%, 60%
XYZ	17.0675, 14.3522, 1.8707
YIQ	99.4630, 66.7590, -14.9450

Conversions

Conversions Part 2

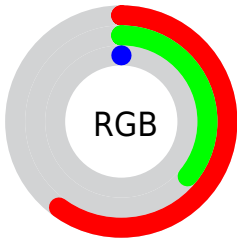
Format	Color
RYB	107, 154, 0
Decimal	10115840
CIELab	44.73, 20.30, 53.11
CIELCh	45, 56.854, 69.079
Yxy	14.3522, 0.5127, 0.4311
Android (android.graphics.Color)	4288305920 (0xFF9A5B00)
YUV	99.4630, -49.0353, 47.8289
Hunter-Lab	37.8843, 14.1197, 23.5913

Details

The XYZ color **17.0675, 14.3522, 1.8707** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6102, 5.8880, 31.3070**, and the grayscale version is **12.0857, 12.7151, 13.8468**.

A 20% lighter version of the original color is **38.0458, 33.6617, 8.6298**, and **5.8682, 4.4182, 0.5435** is the 20% darker color. If you saturate the color by 10%, you get **17.0676, 14.3526, 1.8708**, and if you desaturate by 10%, it is **17.7183, 15.5114, 2.5273**.

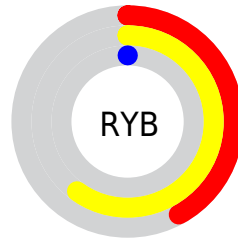
Distribution



Red (60%)

Green (36%)

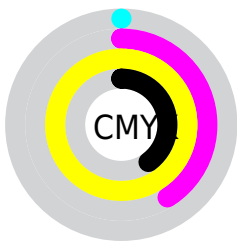
Blue (0%)



Red (42%)

Yellow (60%)

Blue (0%)

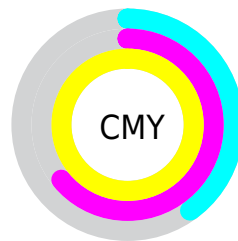


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0675, 14.3522, 1.8707 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 17.0675, 14.3522, 1.8707 by changing the saturation by 10% instead.


 17.0675, 14.3522,
1.8707


 17.0675, 14.3522,
1.8707


 228.7097,
219.4110, 120.3356


 10.3782, 8.3660,
0.4740


 37.9845, 33.7127,
8.6842


 5.7146, 4.3300,
0.0000

 52.9429, 47.8557,
15.0165


 2.7113, 1.8598,
0.0000

 71.3884, 65.4866,
23.8572

 1.0030, 0.5241,
0.0000

 93.6863, 86.9896,
35.6248


 0.0000, 0.0000,
0.0000


 120.2021,
112.7491, 50.7379


 151.3010,


143.1496, 69.6150


 187.3484,
178.5754, 92.6748


 17.0675, 14.3522,
1.8707

 17.0675, 14.3522,
1.8707


 17.0676, 14.3526,
1.8708

 17.7183, 15.5114,
2.5273

 18.4816, 16.7890,
3.5494

 19.3890, 18.1999,
5.0970

 20.4538, 19.7511,
7.2350

 21.6875, 21.4488,
10.0189

■ 23.1001, 23.2983,
13.4976

■ 24.7009, 25.3050,
17.7152

■ 26.4985, 27.4736,
22.7123

■ 28.5008, 29.8088,
28.5262

Harmonies

Analogous

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



21.7694, 14.3522, 4.4465



17.0675, 14.3522, 1.8707



12.2864, 14.3522, 1.5596

Triad

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



17.0675, 14.3522, 1.8707



6.6124, 14.3522, 19.9977



20.0463, 14.3522, 44.8850

Complementary

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



17.0675, 14.3522, 1.8707



7.6102, 5.8880, 31.3070

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.



15.0924, 14.3522, 56.6472



17.0675, 14.3522, 1.8707



7.8397, 14.3522, 37.7921

Square

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



17.0675, 14.3522, 1.8707



6.9097, 14.3522, 8.1862



10.7074, 14.3522, 53.5000



23.7413, 14.3522, 26.5924

Rectangle

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



17.0675, 14.3522, 1.8707



9.7616, 14.3522, 2.2676



10.7074, 14.3522, 53.5000



18.4330, 14.3522, 50.0984

Sweetspot

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



17.0678, 14.3530, 1.8710



44.6858, 45.7404, 31.6787



14.2566, 7.2422, 5.5222



9.8483, 10.0227, 6.4592



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.0678, 14.3530, 1.8710



30.8105, 25.6838, 3.3336



22.5683, 28.7883, 4.3674



6.4969, 6.7988, 6.5757



13.9413, 11.7651, 1.5361



0.2441, 0.2472, 0.0349

Inverse Universe

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



7.6102, 5.8880, 31.3070



13.6437, 10.3344, 56.8119



5.9963, 2.4175, 30.7221



6.0816, 6.4206, 7.8477



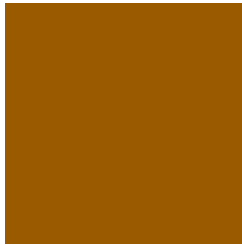
6.2337, 4.8640, 25.5180



0.1277, 0.1416, 0.3930

Previews

White Background



This preview shows how the XYZ color 17.0675, 14.3522, 1.8707 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 17.0675, 14.3522, 1.8707 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 17.0675, 14.3522, 1.8707

Background



This preview shows how black text looks on a background with the XYZ color 17.0675, 14.3522, 1.8707.



This preview shows how white text looks on a background with the XYZ color 17.0675, 14.3522,

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

17.0675, 14.3522, 1.8707

Protanopia

13.0698, 14.5350, 2.4645

Deuteranopia

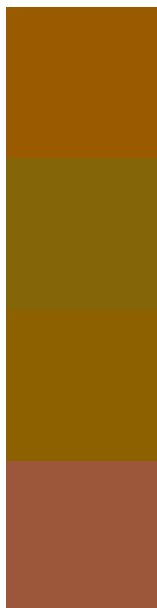
14.6454, 14.4583, 2.0188



Tritanopia

19.0415, 14.4204, 11.6774

Trichromacy



Original Color

17.0675, 14.3522, 1.8707

Protanomaly

14.2132, 14.2304, 2.2274

Deuteranomaly

15.4300, 14.3002, 1.9470

Tritanomaly

17.8822, 14.1898, 5.7994

Monochromacy



Original Color

17.0675, 14.3522, 1.8707

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.6878, 12.6466, 6.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0675, 14.3522, 1.8707 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(154, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 91, 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(154, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 91, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.0675, 14.3522, 1.8707 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(154, 91, 0) }
```


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

```
.border{ border-color:rgb(154, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0675, 14.3522, 1.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 91, 0) }
```

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

```
.background{ background-color: rgb(154, 91,  
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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