

Converting Colors

XYZ(17.4176, 14.1563, 2.0568)

Have a look what the booklet for
XYZ(17.4176, 14.1563, 2.0568)
contains.

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Color

**XYZ(17.4382, 14.1651,
2.0448)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5808
RGB	157, 88, 8
RGB Percent	62%, 35%, 3%
CMY	0.3843, 0.6549, 0.9686
CMYK	0.00, 0.44, 0.95, 0.38
HSL	32°, 90%, 32%
HSV	32°, 95%, 62%
XYZ	17.4382, 14.1651, 2.0448
YIQ	99.5110, 66.8040, -10.2520

Conversions

Conversions Part 2

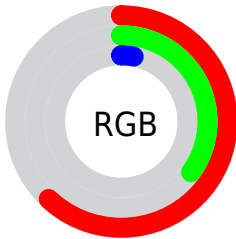
Format	Color
R_{YB}	137, 157, 8
Decimal	10311688
CIE _{Lab}	44.47, 23.47, 51.10
CIE _{LCh}	44, 56.229, 65.327
Yxy	14.1651, 0.5183, 0.4210
Android (android.graphics.Color)	4288501768 (0xFF9D5808)
YUV	99.5110, -45.1149, 50.4179
Hunter-Lab	37.6366, 16.8407, 23.1244

Details

The XYZ color **17.4382, 14.1651, 2.0448** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.8398, 7.7937, 32.9365**, and the grayscale version is **12.0883, 12.7179, 13.8498**.

A 20% lighter version of the original color is **38.6010, 33.2876, 9.0933**, and **5.9385, 4.2385, 0.5051** is the 20% darker color. If you saturate the color by 10%, you get **17.0980, 13.5551, 1.7152**, and if you desaturate by 10%, it is **18.1834, 15.4668, 2.8752**.

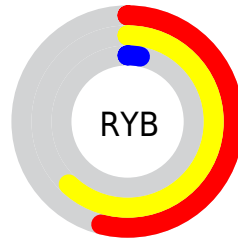
Distribution



Red (62%)

Green (35%)

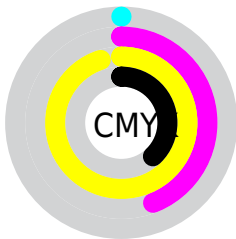
Blue (3%)



Red (54%)

Yellow (62%)

Blue (3%)

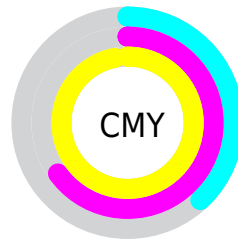


Cyan (0%)

Magenta (44%)

Yellow (95%)

Black (38%)



Cyan (38%)


Magenta (65%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4382, 14.1651, 2.0448 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 17.4382, 14.1651, 2.0448 by changing the saturation by 10% instead.


 17.4382, 14.1651,
2.0448


 17.4382, 14.1651,
2.0448


230.7924,
218.2555, 123.0686


 10.6446, 8.2356,
0.5826


 38.6153, 33.3817,
9.1629


 5.8939, 4.2461,
0.0000

 53.7296, 47.4375,
15.7041


 2.8207, 1.8121,
0.0000

 72.3481, 64.9710,
24.7914

 1.0597, 0.4947,
0.0000

 94.8363, 86.3664,
36.8433


 0.0000, 0.0000,
0.0000


 121.5594,
112.0081, 52.2785


 152.8830,


142.2806, 71.5154


 189.1722,
177.5683, 94.9726


 17.4382, 14.1651,
2.0448


 17.4382, 14.1651,
2.0448


 17.0980, 13.5551,
1.7152

 18.1834, 15.4668,
2.8752

 19.0826, 16.9275,
4.2164

 20.1527, 18.5570,
6.1473

 21.4069, 20.3630,
8.7307

 22.8570, 22.3527,
12.0210

■ 24.5136, 24.5327,
16.0670

■ 26.3864, 26.9089,
20.9131

■ 28.4846, 29.4873,
26.6003

■ 30.8165, 32.2733,
33.1667

Harmonies

Analogous

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



21.8972, 14.1651, 5.0257



17.4382, 14.1651, 2.0448



12.6706, 14.1651, 1.5308

Triad

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



17.4382, 14.1651, 2.0448



6.5178, 14.1651, 17.8583



19.1568, 14.1651, 46.0558

Complementary

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



17.4382, 14.1651, 2.0448



8.8398, 7.7937, 32.9365

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.



14.2888, 14.1651, 56.0018



17.4382, 14.1651, 2.0448



7.5323, 14.1651, 34.8216

Square

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



17.4382, 14.1651, 2.0448



6.9963, 14.1651, 7.1756



10.1439, 14.1651, 51.0294



23.0352, 14.1651, 28.3616

Rectangle

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



17.4382, 14.1651, 2.0448



10.0694, 14.1651, 2.0763



10.1439, 14.1651, 51.0294



17.5457, 14.1651, 50.7623

Sweetspot

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



17.4385, 14.1659, 2.0451



45.9898, 46.6020, 34.1256



15.3500, 7.8852, 7.8338



9.8253, 9.8800, 6.7498



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.



17.4385, 14.1659, 2.0451



30.4276, 23.8890, 3.0073



25.0558, 30.8099, 4.8562



6.9132, 7.2064, 7.0123



13.9242, 11.0840, 1.4055



0.2911, 0.2824, 0.0392

Inverse Universe

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



8.8398, 7.7937, 32.9365



14.9433, 12.4482, 58.7419



6.3382, 2.6934, 32.0839



6.5252, 6.9161, 8.3977



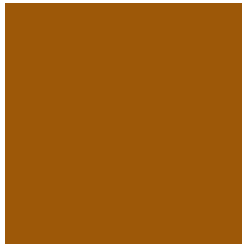
6.8984, 5.8883, 26.6802



0.1653, 0.1892, 0.4910

Previews

White Background



This preview shows how the XYZ color 17.4382, 14.1651, 2.0448 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 17.4382, 14.1651, 2.0448 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 17.4382, 14.1651, 2.0448

Background



This preview shows how black text looks on a background with the XYZ color 17.4382, 14.1651, 2.0448.



This preview shows how white text looks on a background with the XYZ color 17.4382, 14.1651,

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

17.4382, 14.1651, 2.0448

Protanopia

12.8480, 14.2645, 2.5281

Deuteranopia

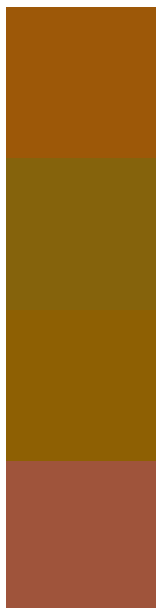
14.3887, 14.1827, 1.9792



Tritanopia

19.2759, 14.2128, 10.9599

Trichromacy



Original Color

17.4382, 14.1651, 2.0448

Protanomaly

14.2011, 13.9368, 2.2894

Deuteranomaly

15.3546, 14.1231, 2.0029

Tritanomaly

18.2578, 14.0273, 5.8829

Monochromacy



Original Color

17.4382, 14.1651, 2.0448

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.0811, 12.8359, 7.0983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4382, 14.1651, 2.0448 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(157, 88, 8)` looks like.

```
.text, #text, p{  
    color:rgb(157, 88, 8)  
}
```

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(157, 88, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 88, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.4382, 14.1651, 2.0448 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(157, 88, 8) }
```


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

```
.border{ border-color:rgb(157, 88, 8) }
```

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

Here you see how a box with a 4 pixel rgb(157, 88, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 88, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 88, 8);  
box-shadow:4px 4px 4px 4px rgb(157, 88, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.4382, 14.1651, 2.0448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 88, 8) }
```

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

```
.background{ background-color: rgb(157, 88,  
8) }
```

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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