

Converting Colors

XYZ(17.4273, 14.2498, 2.3752)

Have a look what the booklet for
XYZ(17.4273, 14.2498, 2.3752)
contains.

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Color

**XYZ(17.3839, 14.2531,
2.3652)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5911
RGB	156, 89, 17
RGB Percent	61%, 35%, 7%
CMY	0.3882, 0.6510, 0.9333
CMYK	0.00, 0.43, 0.89, 0.39
HSL	31°, 80%, 34%
HSV	31°, 89%, 61%
XYZ	17.3839, 14.2531, 2.3652
YIQ	100.8250, 63.0440, -8.1880

Conversions

Conversions Part 2

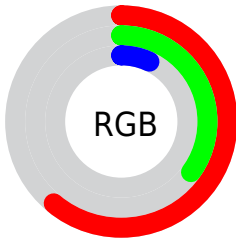
Format	Color
R_{YB}	146, 156, 17
Decimal	10246417
CIE _{Lab}	44.59, 22.64, 48.67
CIE _{LCh}	45, 53.675, 65.055
Yxy	14.2531, 0.5113, 0.4192
Android (android.graphics.Color)	4288436497 (0xFF9C5911)
YUV	100.8250, -41.3257, 48.3885
Hunter-Lab	37.7533, 16.1240, 22.7128

Details

The XYZ color **17.3839, 14.2531, 2.3652** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.4022, 8.8599, 32.6670**, and the grayscale version is **12.4167, 13.0633, 14.2260**.

A 20% lighter version of the original color is **38.3311, 33.3420, 10.0456**, and **5.9736, 4.3086, 0.5168** is the 20% darker color. If you saturate the color by 10%, you get **16.6966, 13.0282, 1.6750**, and if you desaturate by 10%, it is **18.2100, 15.6371, 3.4683**.

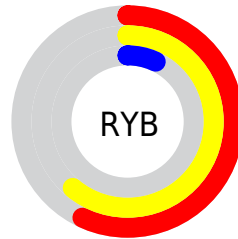
Distribution



Red (61%)

Green (35%)

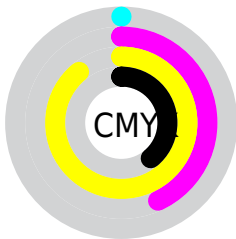
Blue (7%)



Red (57%)

Yellow (61%)

Blue (7%)

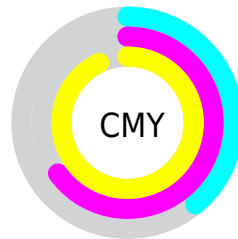


Cyan (0%)

Magenta (43%)

Yellow (89%)

Black (39%)



Cyan (39%)


Magenta (65%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3839, 14.2531, 2.3652 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 17.3839, 14.2531, 2.3652 by changing the saturation by 10% instead.


 17.3839, 14.2531,
2.3652


 17.3839, 14.2531,
2.3652


230.4884,
218.7997, 127.8122


 10.6056, 8.2969,
0.7674


 38.5230, 33.5374,
10.0171


 5.8676, 4.2855,
0.0000

 53.6146, 47.6344,
16.9214


 2.8046, 1.8345,
0.0000

 72.2079, 65.2137,
26.4360

 1.0513, 0.5086,
0.0000

 94.6683, 86.6598,
38.9795


 0.0000, 0.0000,
0.0000


 121.3612,
112.3571, 54.9702


 152.6520,


142.6899, 74.8269


 188.9059,
178.0426, 98.9681


 17.3839, 14.2531,
2.3652


 17.3839, 14.2531,
2.3652

 16.6966, 13.0282,
1.6750


 18.2100, 15.6371,
3.4683

 16.6385, 12.9244,
1.6177

 19.2026, 17.1922,
5.1246

 20.3760, 18.9277,
7.4006

 21.7427, 20.8512,
10.3530

 23.3138, 22.9697,
14.0320

■ 25.0992, 25.2899,
18.4831

■ 27.1085, 27.8179,
23.7480

■ 29.3503, 30.5596,
29.8653

■ 31.8328, 33.5205,
36.8713

Harmonies

Analogous

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



21.5991, 14.2531, 5.4359



17.3839, 14.2531, 2.3652



12.8245, 14.2531, 1.8060

Triad

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



17.3839, 14.2531, 2.3652



6.8143, 14.2531, 17.7235



18.9328, 14.2531, 44.4905

Complementary

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



17.3839, 14.2531, 2.3652



9.4022, 8.8599, 32.6670

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.



14.2964, 14.2531, 53.6209



17.3839, 14.2531, 2.3652



7.7957, 14.2531, 33.7109

Square

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



17.3839, 14.2531, 2.3652



7.2976, 14.2531, 7.4589



10.3210, 14.2531, 48.8804



22.6190, 14.2531, 27.9517

Rectangle

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



17.3839, 14.2531, 2.3652



10.3090, 14.2531, 2.3707



10.3210, 14.2531, 48.8804



17.4009, 14.2531, 48.8391

Sweetspot

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



17.3842, 14.2539, 2.3655



46.1318, 46.6278, 34.9690



15.5183, 8.1119, 9.1734



9.9141, 9.9573, 7.0884



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.



17.3842, 14.2539, 2.3655



30.0223, 23.0782, 2.8722



25.2559, 30.6564, 5.1166



6.9030, 7.1860, 7.0089



13.7400, 10.7155, 1.3441



0.2879, 0.2761, 0.0381

Inverse Universe

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



9.4022, 8.8599, 32.6670



15.2974, 13.1563, 58.8599



6.4761, 2.9430, 31.6792



6.5353, 6.9364, 8.4011



7.0604, 6.2123, 26.7342



0.1684, 0.1954, 0.4921

Previews

White Background



This preview shows how the XYZ color 17.3839, 14.2531, 2.3652 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 17.3839, 14.2531, 2.3652 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 17.3839, 14.2531, 2.3652

Background



This preview shows how black text looks on a background with the XYZ color 17.3839, 14.2531, 2.3652.



This preview shows how white text looks on a background with the XYZ color 17.3839, 14.2531,

2.3652.

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

17.3839, 14.2531, 2.3652

Protanopia

12.9066, 14.2879, 2.8367

Deuteranopia

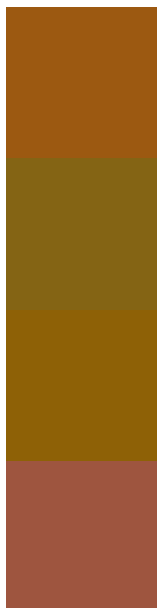
14.4852, 14.3757, 2.0113



Tritanopia

19.1945, 14.2787, 11.1956

Trichromacy



Original Color

17.3839, 14.2531, 2.3652

Protanomaly

14.1992, 14.0704, 2.6293

Deuteranomaly

15.4629, 14.3133, 2.1201

Tritanomaly

18.2463, 14.1250, 6.4673

Monochromacy



Original Color

17.3839, 14.2531, 2.3652

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.2653, 13.0565, 7.6154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3839, 14.2531, 2.3652 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(156, 89, 17)` looks like.

```
.text, #text, p{  
    color:rgb(156, 89, 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(156, 89, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 89, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.3839, 14.2531, 2.3652 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(156, 89, 17) }
```


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

```
.border{ border-color:rgb(156, 89, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 89, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 89, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 89, 17);  
box-shadow:4px 4px 4px 4px rgb(156, 89,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3839, 14.2531, 2.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 89, 17) }
```

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

```
.background{ background-color: rgb(156, 89,  
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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