

Converting Colors

XYZ(17.0343, 14.5671, 1.9139)

Have a look what the booklet for
XYZ(17.0343, 14.5671, 1.9139)
contains.

XYZ(17.0512, 14.6010, 1.9196)	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(17.0512, 14.6010,
1.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	995D00
RGB	153, 93, 0
RGB Percent	60%, 36%, 0%
CMY	0.4000, 0.6353, 1.0000
CMYK	0.00, 0.39, 1.00, 0.40
HSL	36°, 100%, 30%
HSV	36°, 100%, 60%
XYZ	17.0512, 14.6010, 1.9196
YIQ	100.3380, 65.6130, -16.2030

Conversions

Conversions Part 2

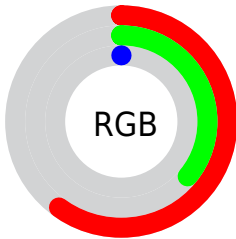
Format	Color
RYB	99, 153, 0
Decimal	10050816
CIELab	45.08, 18.71, 53.26
CIElCh	45, 56.452, 70.647
Yxy	14.6010, 0.5079, 0.4349
Android (android.graphics.Color)	4288240896 (0xFF995D00)
YUV	100.3380, -49.4666, 46.1846
Hunter-Lab	38.2113, 12.7833, 23.7694

Details

The XYZ color **17.0512, 14.6010, 1.9196** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.3656, 5.5316, 30.8162**, and the grayscale version is **12.3110, 12.9521, 14.1049**.

A 20% lighter version of the original color is **37.7894, 33.9682, 8.8398**, and **5.8404, 4.5198, 0.5646** is the 20% darker color. If you saturate the color by 10%, you get **17.0513, 14.6014, 1.9196**, and if you desaturate by 10%, it is **17.6874, 15.7321, 2.5678**.

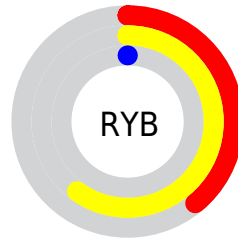
Distribution



Red (60%)

Green (36%)

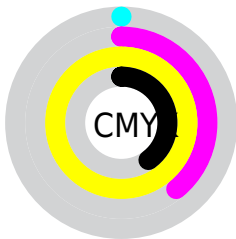
Blue (0%)



Red (39%)

Yellow (60%)

Blue (0%)

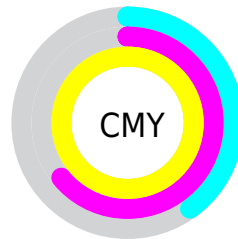


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0512, 14.6010, 1.9196 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 17.0512, 14.6010, 1.9196 by changing the saturation by 10% instead.


 17.0512, 14.6010,
1.9196


 17.0512, 14.6010,
1.9196


 228.6177,
220.9383, 121.1156


 10.3665, 8.5398,
0.5052


 37.9567, 34.1517,
8.8198


 5.7068, 4.4423,
0.0000

 52.9082, 48.4100,
15.2117


 2.7066, 1.9239,
0.0000

 71.3461, 66.1695,
24.1228

 1.0006, 0.5627,
0.0000

 93.6356, 87.8145,
35.9716

 0.0000, 0.0000,
0.0000

 120.1422,
113.7295, 51.1768

 151.2312,

144.2989, 70.1568

187.2679,
179.9070, 93.3302

17.0512, 14.6010,
1.9196

17.0512, 14.6010,
1.9196

17.0513, 14.6014,
1.9196

17.6874, 15.7321,
2.5678

18.4309, 16.9731,
3.5739

19.3128, 18.3384,
5.0968

20.3463, 19.8347,
7.2000

21.5422, 21.4678,
9.9382

■ 22.9106, 23.2428,
13.3594

■ 24.4604, 25.1646,
17.5069

■ 26.1999, 27.2378,
22.4207

■ 28.1368, 29.4666,
28.1375

Harmonies

Analogous

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



21.8124, 14.6010, 4.3828



17.0512, 14.6010, 1.9196



12.2930, 14.6010, 1.6845

Triad

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



17.0512, 14.6010, 1.9196



6.8236, 14.6010, 21.1045



20.5425, 14.6010, 44.2540

Complementary

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



17.0512, 14.6010, 1.9196



7.3656, 5.5316, 30.8162

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.



15.5933, 14.6010, 56.5835



17.0512, 14.6010, 1.9196



8.1469, 14.6010, 39.0426

Square

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



17.0512, 14.6010, 1.9196



7.0444, 14.6010, 8.8417



11.1248, 14.6010, 54.2740



24.1188, 14.6010, 25.9642

Rectangle

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



17.0512, 14.6010, 1.9196



9.8067, 14.6010, 2.4873



11.1248, 14.6010, 54.2740



18.9436, 14.6010, 49.5947

Sweetspot

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



17.0515, 14.6018, 1.9199



43.6314, 44.8546, 30.8725



13.9846, 7.1115, 5.0792



9.3912, 9.6061, 6.1573



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.0515, 14.6018, 1.9199



30.3524, 25.7798, 3.3763



21.8228, 28.1600, 4.2854



6.5054, 6.8159, 6.5786



14.1258, 12.1341, 1.5976



0.2464, 0.2519, 0.0356

Inverse Universe

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



7.3656, 5.5316, 30.8162



13.0213, 9.5671, 55.1323



5.9518, 2.4041, 30.2870



6.0732, 6.4039, 7.8449



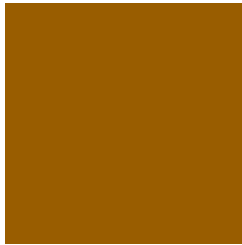
6.1181, 4.6330, 25.4795



0.1253, 0.1370, 0.3922

Previews

White Background



This preview shows how the XYZ color 17.0512, 14.6010, 1.9196 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 17.0512, 14.6010, 1.9196 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 17.0512, 14.6010, 1.9196

Background



This preview shows how black text looks on a background with the XYZ color 17.0512, 14.6010, 1.9196.



This preview shows how white text looks on a background with the XYZ color 17.0512, 14.6010,

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

17.0512, 14.6010, 1.9196

Protanopia

13.3081, 14.8142, 2.4746

Deuteranopia

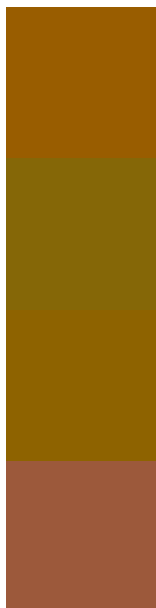
14.9047, 14.7370, 2.0590



Tritanopia

19.2082, 14.6140, 12.1643

Trichromacy



Original Color

17.0512, 14.6010, 1.9196

Protanomaly

14.5615, 14.7024, 2.2714

Deuteranomaly

15.6172, 14.6745, 2.0093

Tritanomaly

18.0721, 14.5284, 5.9894

Monochromacy



Original Color

17.0512, 14.6010, 1.9196

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8079, 12.8415, 6.6541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0512, 14.6010, 1.9196 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(153, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 93, 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(153, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 93, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.0512, 14.6010, 1.9196 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(153, 93, 0) }
```


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

```
.border{ border-color:rgb(153, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0512, 14.6010, 1.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 93, 0) }
```

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

```
.background{ background-color: rgb(153, 93,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor