

Converting Colors

XYZ(17.3291, 14.8754, 1.9579)

Have a look what the booklet for
XYZ(17.3291, 14.8754, 1.9579)
contains.

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Color

**XYZ(17.3291, 14.8754,
1.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5E00
RGB	154, 94, 0
RGB Percent	60%, 37%, 0%
CMY	0.3961, 0.6314, 1.0000
CMYK	0.00, 0.39, 1.00, 0.40
HSL	37°, 100%, 30%
HSV	37°, 100%, 60%
XYZ	17.3291, 14.8754, 1.9579
YIQ	101.2240, 65.9340, -16.5140

Conversions

Conversions Part 2

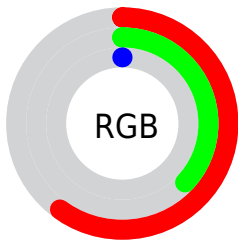
Format	Color
R_{YB}	98, 154, 0
Decimal	10116608
CIE _{Lab}	45.46, 18.59, 53.57
CIE _{LCh}	45, 56.708, 70.861
Yxy	14.8754, 0.5073, 0.4354
Android (android.graphics.Color)	4288306688 (0xFF9A5E00)
YUV	101.2240, -49.9034, 46.2846
Hunter-Lab	38.5686, 12.7059, 23.9882

Details

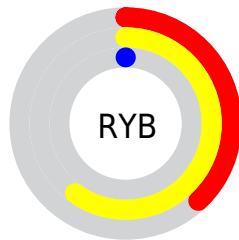
The XYZ color **17.3291, 14.8754, 1.9579** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.4486, 5.5648, 31.2531**, and the grayscale version is **12.5413, 13.1944, 14.3687**.

A 20% lighter version of the original color is **38.3816, 34.7232, 8.9543**, and **5.9867, 4.6553, 0.5830** is the 20% darker color. If you saturate the color by 10%, you get **17.3292, 14.8758, 1.9580**, and if you desaturate by 10%, it is **17.9730, 16.0208, 2.6122**.

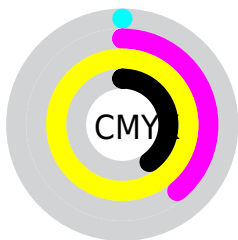
Distribution



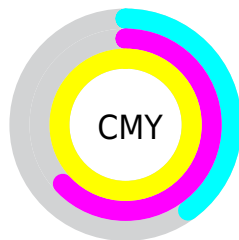
- Red (60%)
- Green (37%)
- Blue (0%)



- Red (38%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (100%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3291, 14.8754, 1.9579 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 17.3291, 14.8754, 1.9579 by changing the saturation by 10% instead.


 17.3291, 14.8754,
1.9579


 17.3291, 14.8754,
1.9579


 230.1813,
222.6108, 121.7196


 10.5662, 8.7320,
0.5292


 38.4299, 34.6344,
8.9254


 5.8411, 4.5668,
0.0000


 53.4984, 49.0189,
15.3634


 2.7884, 1.9954,
0.0000

 72.0662, 66.9191,
24.3290

 1.0429, 0.6048,
0.0000


 94.4986, 88.7195,
36.2407


 0.0000, 0.0000,
0.0000


 121.1609,
114.8045, 51.5171


 152.4186,


145.5584, 70.5767


 188.6369,
181.3657, 93.8380


 17.3291, 14.8754,
1.9579


 17.3291, 14.8754,
1.9579


 17.3292, 14.8758,
1.9580

 17.9730, 16.0208,
2.6122

 18.7255, 17.2767,
3.6307

 19.6180, 18.6580,
5.1733

 20.6638, 20.1711,
7.3051

 21.8740, 21.8219,
10.0812

■ 23.2588, 23.6157,
13.5506

■ 24.8271, 25.5575,
17.7574

■ 26.5875, 27.6517,
22.7420

■ 28.5478, 29.9028,
28.5420

Harmonies

Analogous

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



22.1768, 14.8754, 4.4460



17.3291, 14.8754, 1.9579



12.4959, 14.8754, 1.7299

Triad

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



17.3291, 14.8754, 1.9579



6.9651, 14.8754, 21.6070



20.9491, 14.8754, 44.8948

Complementary

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



17.3291, 14.8754, 1.9579



7.4486, 5.5648, 31.2531

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.



15.9193, 14.8754, 57.5047



17.3291, 14.8754, 1.9579



8.3237, 14.8754, 39.8588

Square

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



17.3291, 14.8754, 1.9579



7.1789, 14.8754, 9.0800



11.3659, 14.8754, 55.2734



24.5674, 14.8754, 26.3050

Rectangle

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



17.3291, 14.8754, 1.9579



9.9740, 14.8754, 2.5595



11.3659, 14.8754, 55.2734



19.3260, 14.8754, 50.3406

Sweetspot

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



17.3294, 14.8762, 1.9582



44.9189, 46.2065, 31.7564



14.1850, 7.2135, 5.1452



9.9064, 10.1390, 6.4786



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.



17.3294, 14.8762, 1.9582



31.2874, 26.6377, 3.4926



22.1363, 28.5656, 4.3471



6.5067, 6.8185, 6.5790



14.1541, 12.1906, 1.6070



0.2468, 0.2526, 0.0358

Inverse Universe

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



7.4486, 5.5648, 31.2531



13.3545, 9.7559, 56.7155



6.0364, 2.4382, 30.7240



6.0720, 6.4013, 7.8445



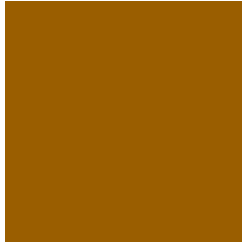
6.1012, 4.5991, 25.4739



0.1250, 0.1362, 0.3921

Previews

White Background



This preview shows how the XYZ color 17.3291, 14.8754, 1.9579 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 17.3291, 14.8754, 1.9579 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 17.3291, 14.8754, 1.9579

Background



This preview shows how black text looks on a background with the XYZ color 17.3291, 14.8754, 1.9579.



This preview shows how white text looks on a background with the XYZ color 17.3291, 14.8754,

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

17.3291, 14.8754, 1.9579

Protanopia

13.5551, 15.0990, 2.5166

Deuteranopia

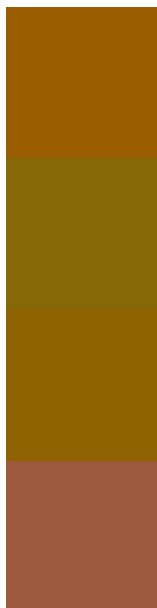
15.1668, 15.0189, 2.0996



Tritanopia

19.5291, 14.8936, 12.4351

Trichromacy



Original Color

17.3291, 14.8754, 1.9579

Protanomaly

14.8202, 14.9843, 2.3122

Deuteranomaly

15.8849, 14.9540, 2.0492

Tritanomaly

18.3764, 14.8067, 6.1644

Monochromacy



Original Color

17.3291, 14.8754, 1.9579

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0388, 13.0986, 6.6916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3291, 14.8754, 1.9579 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, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 94, 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, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3291, 14.8754, 1.9579 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, 94, 0) }
```


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

```
.border{ border-color:rgb(154, 94, 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, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3291, 14.8754, 1.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 94, 0) }
```

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

```
.background{ background-color: rgb(154, 94,  
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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