

Converting Colors

XYZ(17.2060, 14.7382, 0.2132)

Have a look what the booklet for
XYZ(17.2060, 14.7382, 0.2132)
contains.

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Color

**XYZ(17.4319, 14.7973,
1.9374)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5D00
RGB	155, 93, 0
RGB Percent	61%, 36%, 0%
CMY	0.3922, 0.6353, 1.0000
CMYK	0.00, 0.40, 1.00, 0.39
HSL	36°, 100%, 30%
HSV	36°, 100%, 61%
XYZ	17.4319, 14.7973, 1.9374
YIQ	100.9360, 66.8050, -15.7790

Conversions

Conversions Part 2

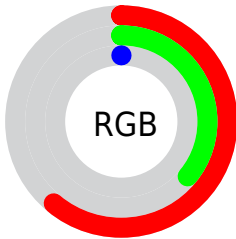
Format	Color
R_{YB}	103, 155, 0
Decimal	10181888
CIE _{Lab}	45.36, 19.62, 53.57
CIE _{LCh}	45, 57.050, 69.889
Yxy	14.7973, 0.5102, 0.4331
Android (android.graphics.Color)	4288371968 (0xFF9B5D00)
YUV	100.9360, -49.7614, 47.4141
Hunter-Lab	38.4673, 13.5717, 23.9409

Details

The XYZ color **17.4319, 14.7973, 1.9374** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6389, 5.8117, 31.7291**, and the grayscale version is **12.4660, 13.1152, 14.2825**.

A 20% lighter version of the original color is **38.6624, 34.4182, 8.8806**, and **6.0535, 4.6297, 0.5746** is the 20% darker color. If you saturate the color by 10%, you get **17.4320, 14.7977, 1.9375**, and if you desaturate by 10%, it is **18.0885, 15.9669, 2.5996**.

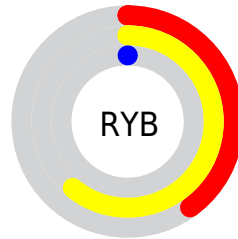
Distribution



Red (61%)

Green (36%)

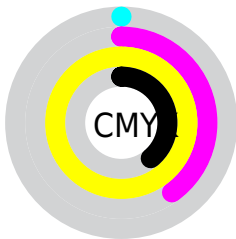
Blue (0%)



Red (40%)

Yellow (61%)

Blue (0%)

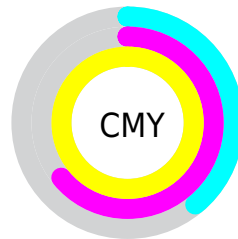


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4319, 14.7973, 1.9374 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 17.4319, 14.7973, 1.9374 by changing the saturation by 10% instead.

■ 17.4319, 14.7973,
1.9374

■ 17.4319, 14.7973,
1.9374

■ 230.7572,
222.1360, 121.3970

■ 10.6401, 8.6772,
0.5164

■ 38.6046, 34.4972,
8.8689

■ 5.8909, 4.5313,
0.0000

■ 53.7162, 48.8458,
15.2823

■ 2.8189, 1.9750,
0.0000

■ 72.3318, 66.7061,
24.2188

■ 1.0587, 0.5929,
0.0000


■ 94.8168, 88.4624,
36.0970


■ 0.0000, 0.0000,
0.0000


■ 121.5365,
114.4992, 51.3353


■ 152.8562,


145.2008, 70.3524


 189.1413,
180.9516, 93.5668


 17.4319, 14.7973,
1.9374


 17.4319, 14.7973,
1.9374


 17.4320, 14.7977,
1.9375

 18.0885, 15.9669,
2.5996

 18.8576, 17.2531,
3.6329

 19.7711, 18.6708,
5.1990

 20.8423, 20.2269,
7.3637

 22.0829, 21.9275,
10.1834

■ 23.5030, 23.7781,
13.7078

■ 25.1120, 25.7838,
17.9816

■ 26.9185, 27.9494,
23.0461

■ 28.9306, 30.2794,
28.9393

Harmonies

Analogous

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



22.2680, 14.7973, 4.5099



17.4319, 14.7973, 1.9374



12.5584, 14.7973, 1.6590

Triad

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



17.4319, 14.7973, 1.9374



6.8683, 14.7973, 21.0159



20.7462, 14.7973, 45.5310

Complementary

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



17.4319, 14.7973, 1.9374



7.6389, 5.8117, 31.7291

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.



15.6862, 14.7973, 57.8514



17.4319, 14.7973, 1.9374



8.1728, 14.7973, 39.2768

Square

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



17.4319, 14.7973, 1.9374



7.1319, 14.7973, 8.7080



11.1612, 14.7973, 55.0782



24.4596, 14.7973, 26.8396

Rectangle

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



17.4319, 14.7973, 1.9374



9.9988, 14.7973, 2.4318



11.1612, 14.7973, 55.0782



19.1051, 14.7973, 50.9260

Sweetspot

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



17.4322, 14.7981, 1.9377



44.7944, 45.9575, 31.7149



14.3870, 7.3164, 5.2117



9.8753, 10.0769, 6.4682



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.



17.4322, 14.7981, 1.9377



31.0307, 26.1243, 3.4070



22.4523, 28.9745, 4.4094



6.5015, 6.8080, 6.5773



14.0396, 11.9617, 1.5689



0.2454, 0.2498, 0.0353

Inverse Universe

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



7.6389, 5.8117, 31.7291



13.5066, 10.0602, 56.7662



6.1217, 2.4725, 31.1646



6.0771, 6.4116, 7.8462



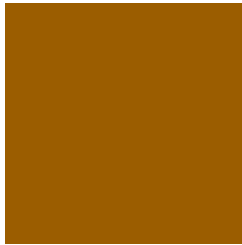
6.1709, 4.7386, 25.4971



0.1264, 0.1391, 0.3926

Previews

White Background



This preview shows how the XYZ color 17.4319, 14.7973, 1.9374 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 17.4319, 14.7973, 1.9374 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 17.4319, 14.7973, 1.9374

Background



This preview shows how black text looks on a background with the XYZ color 17.4319, 14.7973, 1.9374.



This preview shows how white text looks on a background with the XYZ color 17.4319, 14.7973,

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

17.4319, 14.7973, 1.9374

Protanopia

13.4550, 14.8892, 2.5126

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

19.4041, 14.7150, 12.1735

Trichromacy



Original Color

17.4319, 14.7973, 1.9374

Protanomaly

14.7256, 14.7864, 2.3077

Deuteranomaly

15.7895, 14.7633, 2.0174

Tritanomaly

18.2664, 14.6286, 5.9985

Monochromacy



Original Color

17.4319, 14.7973, 1.9374

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.1783, 13.1705, 6.6981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4319, 14.7973, 1.9374 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(155, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.4319, 14.7973, 1.9374 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(155, 93, 0) }
```


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

```
.border{ border-color:rgb(155, 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(155, 93, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.4319, 14.7973, 1.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 0) }
```

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

```
.background{ background-color: rgb(155, 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](#).

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