

Converting Colors

XYZ(17.0799, 14.6267, 2.4078)

Have a look what the booklet for
XYZ(17.0799, 14.6267, 2.4078)
contains.

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Color

**XYZ(17.1447, 14.6384,
2.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	995D10
RGB	153, 93, 16
RGB Percent	60%, 36%, 6%
CMY	0.4000, 0.6353, 0.9372
CMYK	0.00, 0.39, 0.90, 0.40
HSL	34°, 81%, 33%
HSV	34°, 90%, 60%
XYZ	17.1447, 14.6384, 2.4121
YIQ	102.1620, 60.4770, -11.2270

Conversions

Conversions Part 2

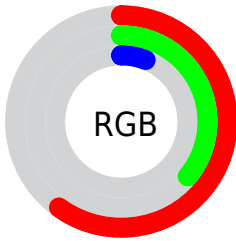
Format	Color
R _Y B	123, 153, 16
Decimal	10050832
CIE Lab	45.13, 19.00, 49.23
CIE LCh	45, 52.773, 68.901
Yxy	14.6384, 0.5014, 0.4281
Android (android.graphics.Color)	4288240912 (0xFF995D10)
YUV	102.1620, -42.4779, 44.5849
Hunter-Lab	38.2602, 13.0321, 23.0442

Details

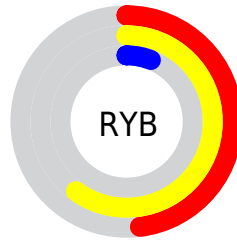
The XYZ color **17.1447, 14.6384, 2.4121** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.5478, 7.5787, 31.1490**, and the grayscale version is **12.7688, 13.4338, 14.6294**.

A 20% lighter version of the original color is **38.0172, 34.0593, 10.0392**, and **5.8404, 4.5198, 0.5646** is the 20% darker color. If you saturate the color by 10%, you get **16.4927, 13.4780, 1.7525**, and if you desaturate by 10%, it is **17.9170, 15.9306, 3.4480**.

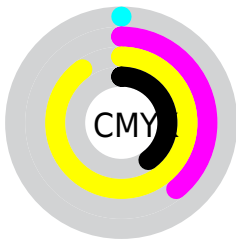
Distribution



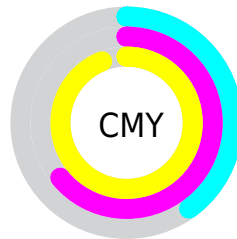
- Red (60%)
- Green (36%)
- Blue (6%)



- Red (48%)
- Yellow (60%)
- Blue (6%)



- Cyan (0%)
- Magenta (39%)
- Yellow (90%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1447, 14.6384, 2.4121 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 17.1447, 14.6384, 2.4121 by changing the saturation by 10% instead.

■ 17.1447, 14.6384,
2.4121

■ 17.1447, 14.6384,
2.4121

229.1449,
221.1670, 128.4793

■ 10.4337, 8.5660,
0.7930

■ 38.1160, 34.2176,
10.1396

■ 5.7519, 4.4592,
0.0000

■ 53.1070, 48.4931,
17.0950

■ 2.7340, 1.9336,
0.0000

■ 71.5887, 66.2719,
26.6696

■ 1.0147, 0.5685,
0.0000

■ 93.9264, 87.9382,
39.2820


■ 0.0000, 0.0000,
0.0000


■ 120.4855,
113.8764, 55.3506


■ 151.6314,


144.4711, 75.2940


 187.7294,
180.1065, 99.5307


 17.1447, 14.6384,
2.4121


 17.1447, 14.6384,
2.4121


 16.4927, 13.4780,
1.7525


 17.9170, 15.9306,
3.4480

 16.4642, 13.4272,
1.7239

 18.8377, 17.3661,
5.0067

 19.9205, 18.9528,
7.1519

 21.1766, 20.6972,
9.9378

 22.6163, 22.6053,
13.4123

■ 24.2489, 24.6824,
17.6187

■ 26.0828, 26.9338,
22.5969

■ 28.1262, 29.3644,
28.3836

■ 30.3864, 31.9787,
35.0134

Harmonies

Analogous

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



21.4853, 14.6384, 5.1364



17.1447, 14.6384, 2.4121



12.6597, 14.6384, 2.0572

Triad

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



17.1447, 14.6384, 2.4121



7.1811, 14.6384, 19.9370



19.8505, 14.6384, 42.7717

Complementary

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



17.1447, 14.6384, 2.4121



8.5478, 7.5787, 31.1490

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.



15.2472, 14.6384, 53.2181



17.1447, 14.6384, 2.4121



8.3692, 14.6384, 36.1942

Square

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



17.1447, 14.6384, 2.4121



7.4810, 14.6384, 8.7806



11.1159, 14.6384, 50.3305



23.2599, 14.6384, 26.2034

Rectangle

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



17.1447, 14.6384, 2.4121



10.2519, 14.6384, 2.8245



11.1159, 14.6384, 50.3305



18.3569, 14.6384, 47.4256

Sweetspot

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



17.1450, 14.6392, 2.4124



44.0571, 44.9876, 33.2292



14.6848, 7.6880, 7.8524



9.5160, 9.6690, 6.7739



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.



17.1450, 14.6392, 2.4124



29.2983, 23.6717, 3.0249



23.3653, 28.9443, 4.8457



6.4823, 6.7697, 6.5709



13.6411, 11.1647, 1.4360



0.2401, 0.2392, 0.0335

Inverse Universe

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



8.5478, 7.5787, 31.1490



13.7139, 10.9522, 55.3632



6.2851, 2.8510, 30.3557



6.0959, 6.4492, 7.8525



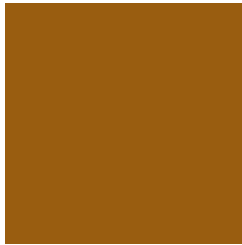
6.4433, 5.2833, 25.5879



0.1316, 0.1496, 0.3943

Previews

White Background



This preview shows how the XYZ color 17.1447, 14.6384, 2.4121 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 17.1447, 14.6384, 2.4121 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 17.1447, 14.6384, 2.4121

Background



This preview shows how black text looks on a background with the XYZ color 17.1447, 14.6384, 2.4121.



This preview shows how white text looks on a background with the XYZ color 17.1447, 14.6384,

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

17.1447, 14.6384, 2.4121

Protanopia

13.3740, 14.8406, 2.8215

Deuteranopia

14.9321, 14.7479, 2.2032



Tritanopia

19.0943, 14.6746, 12.1820

Trichromacy



Original Color

17.1447, 14.6384, 2.4121

Protanomaly

14.6407, 14.7341, 2.6884

Deuteranomaly

15.6665, 14.6942, 2.2690

Tritanomaly

18.0441, 14.4950, 6.8478

Monochromacy



Original Color

17.1447, 14.6384, 2.4121

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4843, 13.4436, 7.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1447, 14.6384, 2.4121 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, 16)` looks like.

```
.text, #text, p{  
    color:rgb(153, 93, 16)  
}
```

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, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 93, 16) }
```

Border

The CSS property to change the border of an element to XYZ 17.1447, 14.6384, 2.4121 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, 16) }
```


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

```
.border{ border-color:rgb(153, 93, 16) }
```

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, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 93, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 93, 16);  
box-shadow:4px 4px 4px 4px rgb(153, 93,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1447, 14.6384, 2.4121 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, 16) }
```

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

```
.background{ background-color: rgb(153, 93,  
16) }
```

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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