

Converting Colors

XYZ(17.5702, 15.3576, 2.0383)

Have a look what the booklet for
XYZ(17.5702, 15.3576, 2.0383)
contains.

XYZ(17.6011, 15.4194, 2.0486)	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(17.6011, 15.4194,
2.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6100
RGB	154, 97, 0
RGB Percent	60%, 38%, 0%
CMY	0.3961, 0.6196, 1.0000
CMYK	0.00, 0.37, 1.00, 0.40
HSL	38°, 100%, 30%
HSV	38°, 100%, 60%
XYZ	17.6011, 15.4194, 2.0486
YIQ	102.9850, 65.1090, -18.0830

Conversions

Conversions Part 2

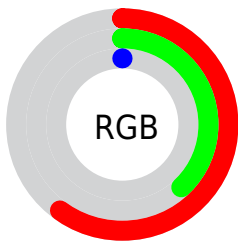
Format	Color
R_{YB}	90, 154, 0
Decimal	10117376
CIE Lab	46.20, 16.88, 54.05
CIE LCh	46, 56.627, 72.660
Yxy	15.4194, 0.5019, 0.4397
Android (android.graphics.Color)	4288307456 (0xFF9A6100)
YUV	102.9850, -50.7716, 44.7402
Hunter-Lab	39.2675, 11.2918, 24.3941

Details

The XYZ color **17.6011, 15.4194, 2.0486** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.2959, 5.2595, 31.2022**, and the grayscale version is **13.0068, 13.6841, 14.9020**.

A 20% lighter version of the original color is **38.8728, 35.6629, 9.2497**, and **6.0704, 4.8226, 0.6109** is the 20% darker color. If you saturate the color by 10%, you get **17.6012, 15.4197, 2.0486**, and if you desaturate by 10%, it is **18.2363, 16.5474, 2.7001**.

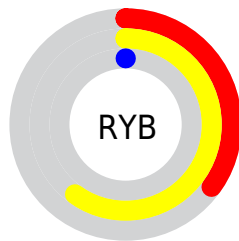
Distribution



Red (60%)

Green (38%)

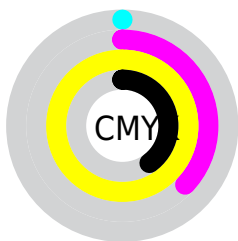
Blue (0%)



Red (35%)

Yellow (60%)

Blue (0%)

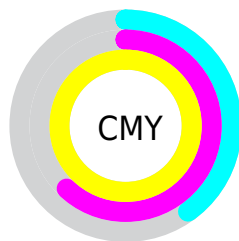


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6011, 15.4194, 2.0486 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 17.6011, 15.4194, 2.0486 by changing the saturation by 10% instead.

■ 17.6011, 15.4194,
2.0486

■ 17.6011, 15.4194,
2.0486

231.7023,
225.8909, 123.1269

■ 10.7619, 9.1143,
0.5849

■ 38.8919, 35.5873,
9.1732

■ 5.9731, 4.8158,
0.0000

■ 54.0742, 50.2188,
15.7189

■ 2.8692, 2.1396,
0.0000

■ 72.7682, 68.3946,
24.8114

■ 1.0850, 0.6867,
0.0000

■ 95.3394, 90.4990,
36.8694

■ 0.0125, 0.0000,
0.0000


■ 122.1530,
116.9164, 52.3114


■ 0.0000, 0.0000,
0.0000


■ 153.5745,


148.0313, 71.5560


 189.9691,
184.2280, 95.0217


 17.6011, 15.4194,
2.0486


 17.6011, 15.4194,
2.0486


 17.6012, 15.4197,
2.0486

 18.2363, 16.5474,
2.7001

 18.9763, 17.7784,
3.7144

 19.8525, 19.1269,
5.2516

 20.8779, 20.5991,
7.3766

 22.0635, 22.2008,
10.1446

■ 23.4194, 23.9369,
13.6045

■ 24.9546, 25.8122,
17.8003

■ 26.6772, 27.8309,
22.7724

■ 28.5951, 29.9972,
28.5582

Harmonies

Analogous

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



22.5999, 15.4194, 4.4467



17.6011, 15.4194, 2.0486



12.7133, 15.4194, 1.9134

Triad

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



17.6011, 15.4194, 2.0486



7.3343, 15.4194, 23.3181



21.8918, 15.4194, 44.9225

Complementary

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



17.6011, 15.4194, 2.0486



7.2959, 5.2595, 31.2022

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.



16.7865, 15.4194, 58.3992



17.6011, 15.4194, 2.0486



8.8327, 15.4194, 42.0275

Square

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



17.6011, 15.4194, 2.0486



7.4587, 15.4194, 10.0449



12.0587, 15.4194, 57.1184



25.4266, 15.4194, 26.0279

Rectangle

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



17.6011, 15.4194, 2.0486



10.1940, 15.4194, 2.8777



12.0587, 15.4194, 57.1184



20.2597, 15.4194, 50.6053

Sweetspot

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



17.6014, 15.4202, 2.0489



45.1540, 46.6767, 31.8348



14.1167, 7.1862, 4.7858



9.9652, 10.2566, 6.4981



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.



17.6014, 15.4202, 2.0489



31.7838, 27.6305, 3.6580



21.7143, 28.3480, 4.3274



6.5166, 6.8383, 6.5823



14.3752, 12.6329, 1.6807



0.2495, 0.2580, 0.0367

Inverse Universe

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



7.2959, 5.2595, 31.2022



13.0819, 9.2108, 56.6247



6.0817, 2.4615, 30.7261



6.0624, 6.3822, 7.8413



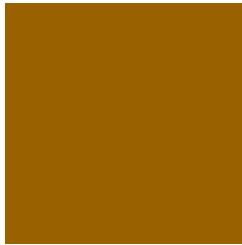
5.9760, 4.3486, 25.4321



0.1223, 0.1309, 0.3912

Previews

White Background



This preview shows how the XYZ color 17.6011, 15.4194, 2.0486 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 17.6011, 15.4194, 2.0486 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 17.6011, 15.4194, 2.0486

Background



This preview shows how black text looks on a background with the XYZ color 17.6011, 15.4194, 2.0486.



This preview shows how white text looks on a background with the XYZ color 17.6011, 15.4194,

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

17.6011, 15.4194, 2.0486

Protanopia

13.9485, 15.4611, 2.5657

Deuteranopia

15.5978, 15.3896, 2.1484



Tritanopia

19.9144, 15.4445, 13.2407

Trichromacy



Original Color

17.6011, 15.4194, 2.0486

Protanomaly

15.0816, 15.2694, 2.3534

Deuteranomaly

16.1553, 15.2367, 2.0895

Tritanomaly

18.6885, 15.3446, 6.5342

Monochromacy



Original Color

17.6011, 15.4194, 2.0486

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6631, 13.8383, 7.1052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6011, 15.4194, 2.0486 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, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 97, 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, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 97, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.6011, 15.4194, 2.0486 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, 97, 0) }
```


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

```
.border{ border-color:rgb(154, 97, 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, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.6011, 15.4194, 2.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 97, 0) }
```

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

```
.background{ background-color: rgb(154, 97,  
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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