

Converting Colors

XYZ(17.0112, 15.6366, 3.3179)

Have a look what the booklet for
XYZ(17.0112, 15.6366, 3.3179)
contains.

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Color

**XYZ(17.1008, 15.6970,
3.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	94651E
RGB	148, 101, 30
RGB Percent	58%, 40%, 12%
CMY	0.4196, 0.6039, 0.8823
CMYK	0.00, 0.32, 0.80, 0.42
HSL	36°, 66%, 35%
HSV	36°, 80%, 58%
XYZ	17.1008, 15.6970, 3.3568
YIQ	106.9590, 50.8030, -12.1170

Conversions

Conversions Part 2

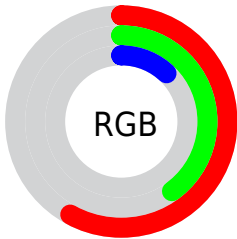
Format	Color
R_{YB}	108, 148, 30
Decimal	9725214
CIE Lab	46.57, 12.55, 45.17
CIE LCh	47, 46.886, 74.473
Yxy	15.6970, 0.4730, 0.4342
Android (android.graphics.Color)	4287915294 (0xFF94651E)
YUV	106.9590, -37.9408, 35.9930
Hunter-Lab	39.6194, 7.7113, 22.7102

Details

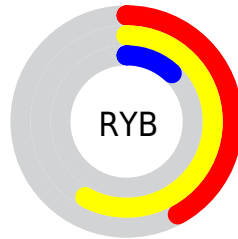
The XYZ color **17.1008, 15.6970, 3.3568** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.5345, 7.7216, 29.0575**, and the grayscale version is **14.0562, 14.7882, 16.1043**.

A 20% lighter version of the original color is **38.1298, 36.1575, 12.5588**, and **5.8334, 4.9655, 0.6510** is the 20% darker color. If you saturate the color by 10%, you get **16.4025, 14.5351, 2.4006**, and if you desaturate by 10%, it is **17.9297, 16.9781, 4.7948**.

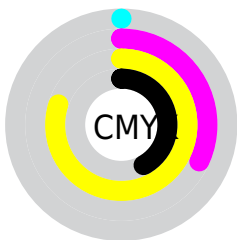
Distribution



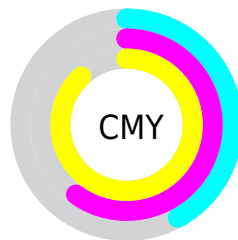
- Red (58%)
- Green (40%)
- Blue (12%)



- Red (42%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (32%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1008, 15.6970, 3.3568 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 17.1008, 15.6970, 3.3568 by changing the saturation by 10% instead.

■ 17.1008, 15.6970,
3.3568

■ 17.1008, 15.6970,
3.3568

228.8975,
227.5471, 140.7828

■ 10.4021, 9.3100,
1.2796

■ 38.0412, 36.0714,
12.4969

■ 5.7307, 4.9439,
0.0450

■ 53.0137, 50.8275,
20.3968

■ 2.7211, 2.2144,
0.0000

■ 71.4748, 69.1422,
31.0747

■ 1.0081, 0.7278,
0.0000

■ 93.7899, 91.3998,
44.9491

■ 0.0000, 0.0000,
0.0000

■ 120.3244,
117.9847, 62.4386

■ 151.4436,

149.2813, 83.9617

187.5128,
185.6739, 109.9369

17.1008, 15.6970,
3.3568

17.1008, 15.6970,
3.3568

16.4025, 14.5351,
2.4006

17.9297, 16.9781,
4.7948

15.8052, 13.4774,
1.7799

18.8999, 18.3821,
6.7720

15.7897, 13.4498,
1.7639

20.0220, 19.9151,
9.3386

21.3052, 21.5822,
12.5386

22.7577, 23.3877,
16.4121

■ 24.3871, 25.3361,
20.9955

■ 26.2006, 27.4311,
26.3228

■ 28.2049, 29.6768,
32.4258

■ 30.4063, 32.0767,
39.3342

Harmonies

Analogous

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



21.1888, 15.6970, 5.7511



17.1008, 15.6970, 3.3568



13.0583, 15.6970, 3.3211

Triad

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



17.1008, 15.6970, 3.3568



8.5828, 15.6970, 23.2870



21.0611, 15.6970, 38.4329

Complementary

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



17.1008, 15.6970, 3.3568



8.5345, 7.7216, 29.0575

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.



16.9497, 15.6970, 49.0196



17.1008, 15.6970, 3.3568



10.0277, 15.6970, 37.9372

Square

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



17.1008, 15.6970, 3.3568



8.6084, 15.6970, 11.7933



12.9321, 15.6970, 48.8056



23.7418, 15.6970, 23.7774

Rectangle

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



17.1008, 15.6970, 3.3568



10.9347, 15.6970, 4.5168



12.9321, 15.6970, 48.8056



19.7709, 15.6970, 42.8287

Sweetspot

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



17.1012, 15.6978, 3.3571



41.6243, 43.0393, 33.0434



14.0237, 7.7632, 7.8178



9.2916, 9.5721, 6.9555



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1012, 15.6978, 3.3571



28.0840, 24.1122, 3.3936



21.0101, 26.5245, 5.2408



6.0735, 6.3609, 6.1481



13.5140, 11.5424, 1.5156



0.1943, 0.1991, 0.0282

Inverse Universe

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



8.5345, 7.7216, 29.0575



12.4529, 9.6732, 50.6454



6.7564, 3.5548, 28.3469



5.6777, 5.9894, 7.3266



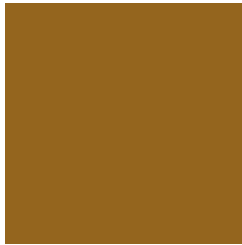
5.9245, 4.5438, 24.4958



0.1000, 0.1105, 0.3090

Previews

White Background



This preview shows how the XYZ color 17.1008, 15.6970, 3.3568 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 17.1008, 15.6970, 3.3568 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 17.1008, 15.6970, 3.3568

Background



This preview shows how black text looks on a background with the XYZ color 17.1008, 15.6970, 3.3568.



This preview shows how white text looks on a background with the XYZ color 17.1008, 15.6970,

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

17.1008, 15.6970, 3.3568

Protanopia

14.2711, 15.7638, 3.7294

Deuteranopia

15.9086, 15.6760, 3.2859



Tritanopia

19.3006, 15.6204, 14.3097

Trichromacy



Original Color

17.1008, 15.6970, 3.3568

Protanomaly

15.1913, 15.6062, 3.5781

Deuteranomaly

16.3274, 15.7401, 3.3400

Tritanomaly

18.3072, 15.6367, 8.7099

Monochromacy



Original Color

17.1008, 15.6970, 3.3568

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4889, 14.8052, 9.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1008, 15.6970, 3.3568 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(148, 101, 30)` looks like.

```
.text, #text, p{  
    color:rgb(148, 101, 30)  
}
```

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(148, 101, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 101, 30) }
```

Border

The CSS property to change the border of an element to XYZ 17.1008, 15.6970, 3.3568 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(148, 101, 30) }
```


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

```
.border{ border-color:rgb(148, 101, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 101, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 101, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 101, 30);  
box-shadow:4px 4px 4px 4px rgb(148, 101,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1008, 15.6970, 3.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 101, 30) }
```

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

```
.background{ background-color: rgb(148,  
101, 30) }
```

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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