

Converting Colors

XYZ(17.0571, 14.7606, 7.6967)

Have a look what the booklet for
XYZ(17.0571, 14.7606, 7.6967)
contains.

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Color

**XYZ(17.0518, 14.7376,
7.7403)**

Conversions

Conversions Part 1

Format	Color
Hex	925F46
RGB	146, 95, 70
RGB Percent	57%, 37%, 27%
CMY	0.4275, 0.6274, 0.7255
CMYK	0.00, 0.35, 0.52, 0.43
HSL	20°, 35%, 42%
HSV	20°, 52%, 57%
XYZ	17.0518, 14.7376, 7.7403
YIQ	107.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

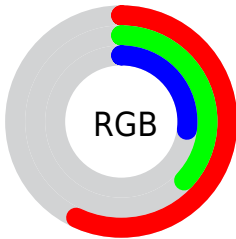
Format	Color
R_{YB}	146, 107, 70
Decimal	9592646
CIE _{Lab}	45.27, 17.89, 22.79
CIE _{LCh}	45, 28.976, 51.867
Yxy	14.7376, 0.4314, 0.3728
Android (android.graphics.Color)	4287782726 (0xFF925F46)
YUV	107.3990, -18.4377, 33.8531
Hunter-Lab	38.3896, 12.1040, 14.9184

Details

The XYZ color **17.0518, 14.7376, 7.7403** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.5512, 17.0516, 29.7185**, and the grayscale version is **14.1285, 14.8643, 16.1872**.

A 20% lighter version of the original color is **37.9658, 34.4462, 22.1005**, and **5.6570, 4.4638, 1.5407** is the 20% darker color. If you saturate the color by 10%, you get **15.8182, 12.9204, 5.3252**, and if you desaturate by 10%, it is **18.5093, 16.8231, 10.7831**.

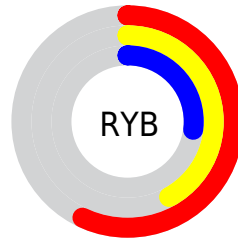
Distribution



Red (57%)

Green (37%)

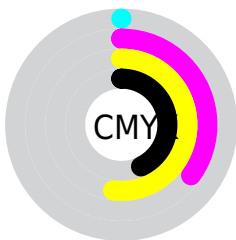
Blue (27%)



Red (57%)

Yellow (42%)

Blue (27%)

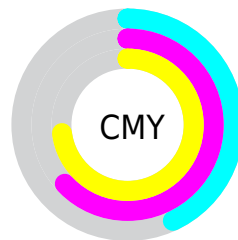


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (43%)



Cyan (43%)


Magenta (63%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0518, 14.7376, 7.7403 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 17.0518, 14.7376, 7.7403 by changing the saturation by 10% instead.


 17.0518, 14.7376,
7.7403


 17.0518, 14.7376,
7.7403


228.6211,
221.7724, 183.5385


 10.3670, 8.6354,
3.8438


 37.9577, 34.3922,
21.9854

 5.7071, 4.5042,
1.5401

 52.9095, 48.7134,
33.1712


 2.7067, 1.9594,
0.2475

 71.3476, 66.5431,
47.6238

 1.0006, 0.5837,
0.0000

 93.6375, 88.2657,
65.7618

 0.0000, 0.0000,
0.0000

 120.1444,
114.2655, 88.0037

151.2337,

144.9269, 114.7681

187.2709,
180.6345, 146.4735

■ 17.0518, 14.7376,
7.7403

■ 17.0518, 14.7376,
7.7403

■ 15.8182, 12.9204,
5.3252

■ 18.5093, 16.8231,
10.7831

■ 14.7948, 11.3577,
3.4922

■ 20.2008, 19.1856,
14.4934

■ 13.9685, 10.0379,
2.1904

■ 22.1372, 21.8357,
18.9083

■ 13.3233, 8.9472,
1.3599

■ 24.3283, 24.7831,
24.0622

■ 12.9123, 8.2275,
0.9075

■ 26.7835, 28.0370,
29.9871

■ 29.5114, 31.6061,
36.7132

■ 32.5205, 35.4986,
44.2690

■ 35.8186, 39.7227,
52.6816

■ 39.4135, 44.2861,
61.9769

Harmonies

Analogous

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



18.7369, 14.7376, 11.6142



17.0518, 14.7376, 7.7403



14.6701, 14.7376, 6.2034

Triad

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



17.0518, 14.7376, 7.7403



9.9213, 14.7376, 14.2503



15.7960, 14.7376, 31.6847

Complementary

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



17.0518, 14.7376, 7.7403



14.5512, 17.0516, 29.7185

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.



13.3655, 14.7376, 32.9884



17.0518, 14.7376, 7.7403



10.1498, 14.7376, 21.4841

Square

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



17.0518, 14.7376, 7.7403



10.6851, 14.7376, 9.1963



11.3492, 14.7376, 28.8347



17.9561, 14.7376, 25.6590

Rectangle

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



17.0518, 14.7376, 7.7403



13.0808, 14.7376, 6.2830



11.3492, 14.7376, 28.8347



14.9773, 14.7376, 32.7475

Sweetspot

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



17.0522, 14.7383, 7.7406



41.2115, 41.4350, 38.4032



17.5531, 11.8950, 19.7616



9.0129, 9.0091, 8.1788



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.0522, 14.7383, 7.7406



27.6691, 22.4387, 8.9535



21.2199, 23.0739, 9.1298



5.9474, 6.1085, 6.1061



11.3816, 7.2776, 0.8048



0.1641, 0.1387, 0.0181

Inverse Universe

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



14.5512, 17.0516, 29.7185



22.7433, 26.9074, 51.9685



10.8794, 9.7079, 28.4946



5.8050, 6.2439, 7.3690



8.4275, 9.5498, 25.3302



0.1302, 0.1709, 0.3190

Previews

White Background



This preview shows how the XYZ color 17.0518, 14.7376, 7.7403 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 17.0518, 14.7376, 7.7403 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 17.0518, 14.7376, 7.7403

Background



This preview shows how black text looks on a background with the XYZ color 17.0518, 14.7376, 7.7403.



This preview shows how white text looks on a background with the XYZ color 17.0518, 14.7376,

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

17.0518, 14.7376, 7.7403

Protanopia

13.7302, 14.7364, 8.7774

Deuteranopia

15.0996, 14.8637, 7.5420



Tritanopia

18.1584, 14.6599, 13.4279

Trichromacy



Original Color

17.0518, 14.7376, 7.7403

Protanomaly

14.8052, 14.6936, 8.3592

Deuteranomaly

15.7847, 14.7783, 7.6508

Tritanomaly

17.6212, 14.5619, 11.1145

Monochromacy



Original Color

17.0518, 14.7376, 7.7403

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7558, 14.5736, 12.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0518, 14.7376, 7.7403 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(146, 95, 70)` looks like.

```
.text, #text, p{  
    color:rgb(146, 95, 70)  
}
```

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(146, 95, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 95, 70) }
```

Border

The CSS property to change the border of an element to XYZ 17.0518, 14.7376, 7.7403 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(146, 95, 70) }
```


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

```
.border{ border-color:rgb(146, 95, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 95, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 95, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 95, 70);  
box-shadow:4px 4px 4px 4px rgb(146, 95,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0518, 14.7376, 7.7403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 95, 70) }
```

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

```
.background{ background-color: rgb(146, 95,  
70) }
```

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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