

Converting Colors

XYZ(14.6695, 17.1521, 9.3707)

Have a look what the booklet for
XYZ(14.6695, 17.1521, 9.3707)
contains.

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Color

**XYZ(14.7114, 17.2262,
9.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	71774C
RGB	113, 119, 76
RGB Percent	44%, 47%, 30%
CMY	0.5569, 0.5333, 0.7020
CMYK	0.05, 0.00, 0.36, 0.53
HSL	68°, 22%, 38%
HSV	68°, 36%, 47%
XYZ	14.7114, 17.2262, 9.3871
YIQ	112.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

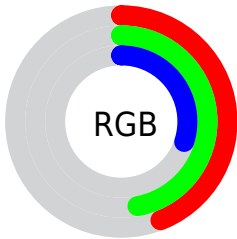
Format	Color
RYB	76, 119, 82
Decimal	7436108
CIELab	48.54, -9.75, 22.93
CIELCh	49, 24.916, 113.033
Yxy	17.2262, 0.3560, 0.4168
Android (android.graphics.Color)	4285626188 (0xFF71774C)
YUV	112.3040, -17.8979, 0.6104
Hunter-Lab	41.5045, -9.3629, 15.6434

Details

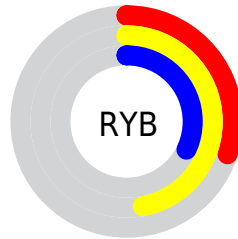
The XYZ color **14.7114, 17.2262, 9.3871** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3946, 8.2951, 18.5598**, and the grayscale version is **15.5397, 16.3490, 17.8041**.

A 20% lighter version of the original color is **33.7816, 38.6058, 25.0732**, and **4.6149, 5.6954, 2.1524** is the 20% darker color. If you saturate the color by 10%, you get **14.1238, 16.9673, 7.3962**, and if you desaturate by 10%, it is **15.3804, 17.5193, 11.7821**.

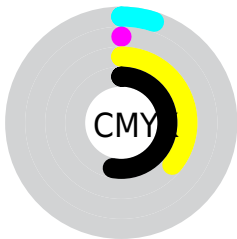
Distribution



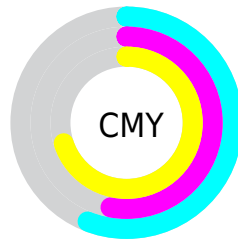
- Red (44%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (47%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7114, 17.2262, 9.3871 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 14.7114, 17.2262, 9.3871 by changing the saturation by 10% instead.

■ 14.7114, 17.2262,
9.3871

■ 14.7114, 17.2262,
9.3871

215.0359,
236.4725, 196.5631

■ 8.7021, 10.3959,
4.8943

■ 33.9219, 38.7143,
25.2257

■ 4.6029, 5.6622,
2.1277

■ 47.8538, 54.1409,
37.4085

■ 2.0486, 2.6408,
0.6322

■ 65.1573, 73.2016,
52.9917

■ 0.6610, 0.9472,
0.0000

■ 86.1977, 96.2810,
72.3939

■ 0.0000, 0.0000,
0.0000

■ 111.3405,
123.7634, 96.0336

140.9508,

156.0332, 124.3294

175.3942,
193.4748, 157.6997

■ 14.7114, 17.2262,
9.3871

■ 14.7114, 17.2262,
9.3871

■ 14.1238, 16.9673,
7.3962

■ 15.3804, 17.5193,
11.7821

■ 13.6119, 16.7385,
5.7860

■ 16.1333, 17.8459,
14.6007

■ 13.1716, 16.5388,
4.5325

■ 16.9743, 18.2081,
17.8624

■ 12.7977, 16.3662,
3.6083

■ 17.9069, 18.6074,
21.5851

■ 12.4843, 16.2181,
2.9824

■ 18.9341, 19.0451,
25.7859

■ 12.2196, 16.0900,
2.5937

■ 20.0592, 19.5223,
30.4809

■ 12.1210, 16.0421,
2.4576

■ 21.2851, 20.0403,
35.6855

■ 22.6145, 20.6002,
41.4144

■ 24.0502, 21.2032,
47.6817

Harmonies

Analogous

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



16.9124, 17.2262, 8.8243



14.7114, 17.2262, 9.3871



13.1037, 17.2262, 12.1545

Triad

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



14.7114, 17.2262, 9.3871



13.8675, 17.2262, 30.7306



21.1392, 17.2262, 20.3264

Complementary

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



14.7114, 17.2262, 9.3871



9.3946, 8.2951, 18.5598

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.



20.1453, 17.2262, 27.3984



14.7114, 17.2262, 9.3871



15.8452, 17.2262, 34.2471

Square

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



14.7114, 17.2262, 9.3871



12.6491, 17.2262, 24.1302



18.1552, 17.2262, 32.9036



20.7642, 17.2262, 14.2462

Rectangle

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



14.7114, 17.2262, 9.3871



12.5155, 17.2262, 15.3149



18.1552, 17.2262, 32.9036



20.9513, 17.2262, 22.6783

Sweetspot

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



14.7118, 17.2270, 9.3875



29.5998, 32.2619, 28.8790



11.9101, 10.4387, 8.2249



6.9772, 7.6295, 6.6983



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7118, 17.2270, 9.3875



25.4940, 30.4723, 13.9153



12.2923, 15.9797, 9.2742



3.9188, 4.2416, 3.9545



12.8712, 17.0397, 2.6106



62.1827, 82.7581, 12.6965

Inverse Universe

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



9.3946, 8.2951, 18.5598



14.5443, 12.0707, 32.8164



11.5351, 9.3986, 18.6599



3.5438, 3.6121, 4.6007



3.7704, 1.5351, 18.6401



17.9289, 7.2512, 90.8150

Previews

White Background



This preview shows how the XYZ color 14.7114, 17.2262, 9.3871 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 14.7114, 17.2262, 9.3871 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

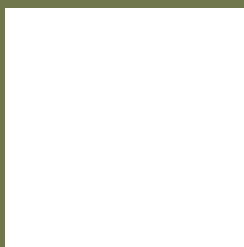
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7114, 17.2262, 9.3871

Background



This preview shows how black text looks on a background with the XYZ color 14.7114, 17.2262, 9.3871.



This preview shows how white text looks on a background with the XYZ color 14.7114, 17.2262,

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

14.7114, 17.2262, 9.3871

Protanopia

15.8242, 17.1159, 8.9482

Deuteranopia

17.4323, 17.1052, 9.5906



Tritanopia

17.0257, 17.1373, 20.8228

Trichromacy



Original Color

14.7114, 17.2262, 9.3871

Protanomaly

15.4005, 17.0637, 9.1385

Deuteranomaly

16.2979, 17.0132, 9.4461

Tritanomaly

16.0167, 17.0633, 15.8140

Monochromacy



Original Color

14.7114, 17.2262, 9.3871

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0650, 16.6071, 14.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7114, 17.2262, 9.3871 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(113, 119, 76)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 76)  
}
```

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(113, 119, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.7114, 17.2262, 9.3871 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(113, 119, 76) }
```


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

```
.border{ border-color:rgb(113, 119, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 76);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7114, 17.2262, 9.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 76) }
```

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

```
.background{ background-color: rgb(113,  
119, 76) }
```

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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