

Converting Colors

XYZ(14.5143, 17.7174, 9.0775)

Have a look what the booklet for
XYZ(14.5143, 17.7174, 9.0775)
contains.

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Color

**XYZ(14.5022, 17.6647,
9.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7A4A
RGB	109, 122, 74
RGB Percent	43%, 48%, 29%
CMY	0.5726, 0.5216, 0.7098
CMYK	0.11, 0.00, 0.39, 0.52
HSL	76°, 24%, 38%
HSV	76°, 39%, 48%
XYZ	14.5022, 17.6647, 9.1238
YIQ	112.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

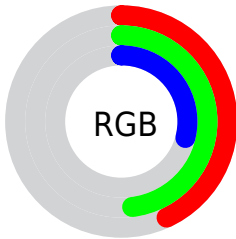
Format	Color
RYB	74, 122, 87
Decimal	7174730
CIELab	49.09, -13.37, 24.70
CIELCh	49, 28.085, 118.423
Yxy	17.6647, 0.3512, 0.4278
Android (android.graphics.Color)	4285364810 (0xFF6D7A4A)
YUV	112.6410, -19.0500, -3.1932
Hunter-Lab	42.0294, -11.9602, 16.5498

Details

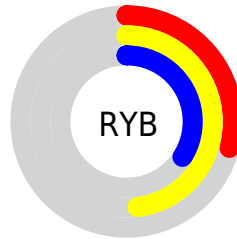
The XYZ color **14.5022, 17.6647, 9.1238** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.8928, 8.3294, 19.4997**, and the grayscale version is **15.6431, 16.4577, 17.9225**.

A 20% lighter version of the original color is **33.4091, 39.2792, 24.5597**, and **4.4678, 5.8145, 2.0492** is the 20% darker color. If you saturate the color by 10%, you get **13.7316, 17.3110, 7.1464**, and if you desaturate by 10%, it is **15.3687, 18.0598, 11.5226**.

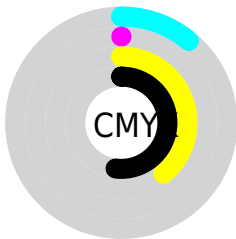
Distribution



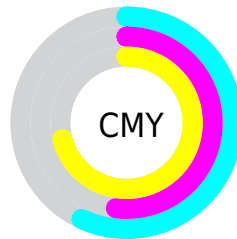
- Red (43%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (34%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5022, 17.6647, 9.1238 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 14.5022, 17.6647, 9.1238 by changing the saturation by 10% instead.

■ 14.5022, 17.6647,
9.1238

■ 14.5022, 17.6647,
9.1238

213.7817,
238.9743, 194.5507

■ 8.5548, 10.7095,
4.7241

■ 33.5564, 39.4651,
24.7154

■ 4.5067, 5.8719,
2.0304

■ 47.3938, 55.0792,
36.7444

■ 1.9926, 2.7673,
0.5739

■ 64.5921, 74.3484,
52.1535

■ 0.6298, 1.0115,
0.0000

■ 85.5164, 97.6570,
71.3614

■ 0.0000, 0.0000,
0.0000

■ 110.5322,
125.3895, 94.7865

140.0047,

157.9303, 122.8474

174.2995,
195.6638, 155.9626

■ 14.5022, 17.6647,
9.1238

■ 14.5022, 17.6647,
9.1238

■ 13.7316, 17.3110,
7.1464

■ 15.3687, 18.0598,
11.5226

■ 13.0508, 16.9943,
5.5650

■ 16.3342, 18.4956,
14.3641

■ 12.4550, 16.7134,
4.3529

■ 17.4034, 18.9747,
17.6696

■ 11.9383, 16.4658,
3.4800

■ 18.5799, 19.4986,
21.4585

■ 11.4938, 16.2488,
2.9113

■ 19.8676, 20.0688,
25.7492

■ 11.1004, 16.0539,
2.5366

■ 21.2698, 20.6866,
30.5593

■ 11.0753, 16.0414,
2.5126

■ 22.7898, 21.3535,
35.9052

■ 24.4309, 22.0707,
41.8029

■ 26.1960, 22.8394,
48.2676

Harmonies

Analogous

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



16.9289, 17.6647, 8.1085



14.5022, 17.6647, 9.1238



12.8499, 17.6647, 12.6196

Triad

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



14.5022, 17.6647, 9.1238



14.2853, 17.6647, 34.3466



22.3515, 17.6647, 19.6339

Complementary

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



14.5022, 17.6647, 9.1238



9.8928, 8.3294, 19.4997

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.



21.4624, 17.6647, 27.8301



14.5022, 17.6647, 9.1238



16.6514, 17.6647, 37.5823

Square

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



14.5022, 17.6647, 9.1238



12.7341, 17.6647, 26.9590



19.3061, 17.6647, 34.9347



21.6263, 17.6647, 13.1464

Rectangle

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



14.5022, 17.6647, 9.1238



12.3185, 17.6647, 16.4789



19.3061, 17.6647, 34.9347



22.2299, 17.6647, 22.2799

Sweetspot

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



14.5026, 17.6655, 9.1242



30.0429, 33.1241, 29.2853



12.6547, 11.4166, 8.0154



6.8271, 7.5550, 6.5645



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.



14.5026, 17.6655, 9.1242



24.3124, 30.5255, 12.9557



11.9606, 16.3550, 9.0052



4.2069, 4.5819, 4.2872



11.6517, 16.8839, 2.6448



54.7340, 80.1018, 12.5764

Inverse Universe

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



9.8928, 8.3294, 19.4997



15.0344, 11.7190, 33.8625



12.4927, 9.6697, 19.6214



3.8901, 3.9412, 4.9989



4.3532, 1.8169, 19.5066



20.0531, 8.2998, 93.0149

Previews

White Background



This preview shows how the XYZ color 14.5022, 17.6647, 9.1238 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 14.5022, 17.6647, 9.1238 looks on a black 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

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

XYZ 14.5022, 17.6647, 9.1238

Background



This preview shows how black text looks on a background with the XYZ color 14.5022, 17.6647, 9.1238.



This preview shows how white text looks on a background with the XYZ color 14.5022, 17.6647,

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

14.5022, 17.6647, 9.1238

Protanopia

16.1675, 17.4707, 8.6510

Deuteranopia

17.8042, 17.4661, 9.2704



Tritanopia

17.1495, 17.6845, 21.9116

Trichromacy



Original Color

14.5022, 17.6647, 9.1238

Protanomaly

15.4268, 17.4310, 8.8548

Deuteranomaly

16.4540, 17.4366, 9.1550

Tritanomaly

15.8900, 17.5082, 16.1776

Monochromacy



Original Color

14.5022, 17.6647, 9.1238

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1796, 16.8364, 14.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5022, 17.6647, 9.1238 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(109, 122, 74)` looks like.

```
.text, #text, p{  
    color:rgb(109, 122, 74)  
}
```

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(109, 122, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 122, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.5022, 17.6647, 9.1238 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(109, 122, 74) }
```


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

```
.border{ border-color:rgb(109, 122, 74) }
```

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

Here you see how a box with a 4 pixel rgb(109, 122, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 122, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 122, 74);  
box-shadow:4px 4px 4px 4px rgb(109, 122,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5022, 17.6647, 9.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 122, 74) }
```

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

```
.background{ background-color: rgb(109,  
122, 74) }
```

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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