

Converting Colors

XYZ(14.5418, 17.6142, 10.1073)

Have a look what the booklet for
XYZ(14.5418, 17.6142, 10.1073)
contains.

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Color

**XYZ(14.5552, 17.6717,
10.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7A4F
RGB	108, 122, 79
RGB Percent	42%, 48%, 31%
CMY	0.5765, 0.5216, 0.6902
CMYK	0.11, 0.00, 0.35, 0.52
HSL	80°, 21%, 39%
HSV	80°, 35%, 48%
XYZ	14.5552, 17.6717, 10.0410
YIQ	112.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

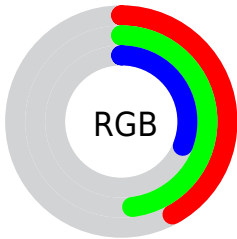
Format	Color
R_{YB}	79, 122, 93
Decimal	7109199
CIE _{Lab}	49.10, -13.08, 21.88
CIE _{LCh}	49, 25.487, 120.877
Yxy	17.6717, 0.3444, 0.4181
Android (android.graphics.Color)	4285299279 (0xFF6C7A4F)
YUV	112.9120, -16.7186, -4.3078
Hunter-Lab	42.0377, -11.7619, 15.2646

Details

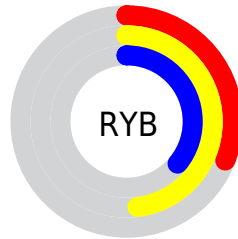
The XYZ color **14.5552, 17.6717, 10.0410** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.8237, 9.3247, 19.6426**, and the grayscale version is **15.7172, 16.5357, 18.0074**.

A 20% lighter version of the original color is **33.5957, 39.3307, 26.5898**, and **4.5348, 5.8412, 2.4018** is the 20% darker color. If you saturate the color by 10%, you get **13.6792, 17.2674, 7.8909**, and if you desaturate by 10%, it is **15.5356, 18.1216, 12.6222**.

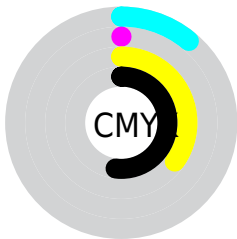
Distribution



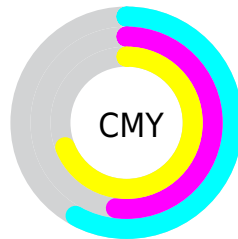
- Red (42%)
- Green (48%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5552, 17.6717, 10.0410 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 14.5552, 17.6717, 10.0410 by changing the saturation by 10% instead.

■ 14.5552, 17.6717,
10.0410

■ 14.5552, 17.6717,
10.0410

214.1001,
239.0140, 201.4599

■ 8.5921, 10.7145,
5.3202

■ 33.6491, 39.4771,
26.4816

■ 4.5311, 5.8752,
2.3743

■ 47.5105, 55.0942,
39.0385

■ 2.0067, 2.7694,
0.7724

■ 64.7355, 74.3666,
55.0445

■ 0.6377, 1.0125,
0.0000

■ 85.6893, 97.6789,
74.9181

■ 0.0000, 0.0000,
0.0000

■ 110.7373,
125.4154, 99.0779

140.2449,

157.9605, 127.9425

174.5774,
195.6985, 161.9303

■ 14.5552, 17.6717,
10.0410

■ 14.5552, 17.6717,
10.0410

■ 13.6792, 17.2674,
7.8909

■ 15.5356, 18.1216,
12.6222

■ 12.9016, 16.9043,
6.1473

■ 16.6236, 18.6164,
15.6552

■ 12.2176, 16.5811,
4.7848

■ 17.8236, 19.1587,
19.1606

■ 11.6214, 16.2955,
3.7746

■ 19.1397, 19.7501,
23.1574

■ 11.1066, 16.0449,
3.0839

■ 20.5753, 20.3919,
27.6636

■ 10.6626, 15.8249,
2.6591

■ 22.1342, 21.0858,
32.6964

■ 10.4636, 15.7260,
2.4839

■ 23.8196, 21.8330,
38.2720

■ 25.6347, 22.6348,
44.4060

■ 27.5827, 23.4926,
51.1134

Harmonies

Analogous

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



16.7264, 17.6717, 8.8852



14.5552, 17.6717, 10.0410



13.1068, 17.6717, 13.5408

Triad

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



14.5552, 17.6717, 10.0410



14.6658, 17.6717, 33.1151



21.8014, 17.6717, 19.0415

Complementary

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



14.5552, 17.6717, 10.0410



10.8237, 9.3247, 19.6426

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.



21.1207, 17.6717, 26.3524



14.5552, 17.6717, 10.0410



16.8666, 17.6717, 35.5502

Square

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



14.5552, 17.6717, 10.0410



13.1663, 17.6717, 26.7834



19.2567, 17.6717, 32.8277



21.0391, 17.6717, 13.2676

Rectangle

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



14.5552, 17.6717, 10.0410



12.6703, 17.6717, 17.2370



19.2567, 17.6717, 32.8277



21.7332, 17.6717, 21.3956

Sweetspot

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



14.5556, 17.6725, 10.0414



30.0609, 33.1199, 29.8943



13.3187, 12.4642, 9.1013



6.8238, 7.5504, 6.6912



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.



14.5556, 17.6725, 10.0414



24.3937, 30.5297, 14.6633



12.2910, 16.5050, 9.9354



4.1869, 4.5716, 4.2862



11.0071, 16.5516, 2.6146



51.5830, 78.4775, 12.4290

Inverse Universe

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



10.8237, 9.3247, 19.6426



16.8325, 13.6061, 34.1320



13.2641, 10.5828, 19.7569



3.9092, 3.9511, 4.9998



4.6005, 1.9444, 19.5181



21.1394, 8.8598, 93.0657

Previews

White Background



This preview shows how the XYZ color 14.5552, 17.6717, 10.0410 looks on a white background.

Color Contrast Check

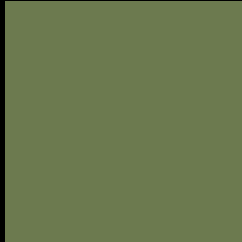
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5552, 17.6717, 10.0410 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 14.5552, 17.6717, 10.0410

Background



This preview shows how black text looks on a background with the XYZ color 14.5552, 17.6717, 10.0410.



This preview shows how white text looks on a background with the XYZ color 14.5552, 17.6717,

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

14.5552, 17.6717, 10.0410

Protanopia

16.1891, 17.4622, 9.5385

Deuteranopia

17.8171, 17.4519, 10.2141



Tritanopia

16.8865, 17.5489, 21.8993

Trichromacy



Original Color

14.5552, 17.6717, 10.0410

Protanomaly

15.4613, 17.4289, 9.7569

Deuteranomaly

16.4808, 17.4298, 10.0851

Tritanomaly

15.8673, 17.4843, 16.7259

Monochromacy



Original Color

14.5552, 17.6717, 10.0410

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1499, 16.8099, 14.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5552, 17.6717, 10.0410 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(108, 122, 79)` looks like.

```
.text, #text, p{  
    color:rgb(108, 122, 79)  
}
```

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(108, 122, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 122, 79) }
```

Border

The CSS property to change the border of an element to XYZ 14.5552, 17.6717, 10.0410 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(108, 122, 79) }
```


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

```
.border{ border-color:rgb(108, 122, 79) }
```

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

Here you see how a box with a 4 pixel rgb(108, 122, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 122, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 122, 79);  
box-shadow:4px 4px 4px 4px rgb(108, 122,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5552, 17.6717, 10.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 122, 79) }
```

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

```
.background{ background-color: rgb(108,  
122, 79) }
```

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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