

Converting Colors

XYZ(14.4925, 17.5925, 15.4998)

Have a look what the booklet for
XYZ(14.4925, 17.5925, 15.4998)
contains.

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Color

**XYZ(14.4447, 17.4950,
15.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	627A67
RGB	98, 122, 103
RGB Percent	38%, 48%, 40%
CMY	0.6157, 0.5216, 0.5961
CMYK	0.20, 0.00, 0.16, 0.52
HSL	132°, 11%, 43%
HSV	132°, 20%, 48%
XYZ	14.4447, 17.4950, 15.4475
YIQ	112.6580, -8.2050, -10.9970

Conversions

Conversions Part 2

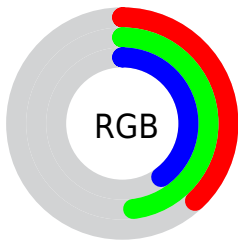
Format	Color
R_{YB}	98, 118, 122
Decimal	6453863
CIE _{Lab}	48.88, -12.82, 7.55
CIE _{LCh}	49, 14.877, 149.515
Yxy	17.4950, 0.3048, 0.3692
Android (android.graphics.Color)	4284643943 (0xFF627A67)
YUV	112.6580, -4.7614, -12.8551
Hunter-Lab	41.8270, -11.5534, 7.3820

Details

The XYZ color **14.4447, 17.4950, 15.4475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6052, 14.1577, 18.7406**, and the grayscale version is **15.6105, 16.4235, 17.8852**.

A 20% lighter version of the original color is **33.3632, 38.9948, 36.3402**, and **4.4616, 5.7544, 4.6169** is the 20% darker color. If you saturate the color by 10%, you get **12.7703, 16.6851, 12.9831**, and if you desaturate by 10%, it is **16.3768, 18.4322, 18.2171**.

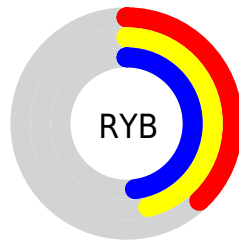
Distribution



Red (38%)

Green (48%)

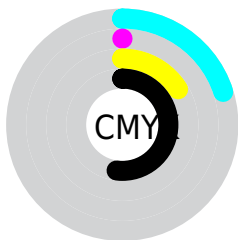
Blue (40%)



Red (38%)

Yellow (46%)

Blue (48%)

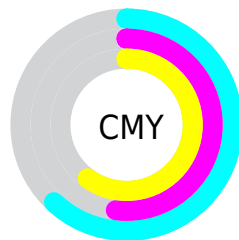


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4447, 17.4950, 15.4475 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 14.4447, 17.4950, 15.4475 by changing the saturation by 10% instead.

■ 14.4447, 17.4950,
15.4475

■ 14.4447, 17.4950,
15.4475

213.4357,
238.0090, 237.7924

■ 8.5144, 10.5880,
8.9840

■ 33.4557, 39.1749,
36.3897

■ 4.4804, 5.7906,
4.6340

■ 47.2672, 54.7167,
51.7054

■ 1.9773, 2.7181,
1.9792

■ 64.4363, 73.9055,
70.8089

■ 0.6212, 0.9864,
0.5425

■ 85.3286, 97.1257,
94.1188

■ 0.0000, 0.0000,
0.0000

110.3093,
124.7618, 122.0535

139.7438,

157.1981, 155.0317

173.9975,
194.8190, 193.4718

■ 14.4447, 17.4950,
15.4475

■ 14.4447, 17.4950,
15.4475

■ 12.7703, 16.6851,
12.9831

■ 16.3768, 18.4322,
18.2171

■ 11.3411, 15.9949,
10.8123

■ 18.5755, 19.4997,
21.3007

■ 10.1459, 15.4193,
8.9245

■ 21.0508, 20.7030,
24.7081

■ 9.1720, 14.9520,
7.3080

■ 23.8121, 22.0465,
28.4483

■ 8.4054, 14.5861,
5.9502

■ 26.8682, 23.5348,
32.5301

■ 7.8304, 14.3137,
4.8377

■ 30.2274, 25.1719,
36.9619

■ 7.4292, 14.1260,
3.9557

■ 33.8979, 26.9619,
41.7517

■ 7.1483, 13.9957,
3.2863

■ 37.8874, 28.9086,
46.9074

■ 7.1399, 13.9917,
3.2678

■ 42.2034, 31.0157,
52.4366

Harmonies

Analogous

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



15.3550, 17.4950, 13.1708



14.4447, 17.4950, 15.4475



14.1133, 17.4950, 18.9848

Triad

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



14.4447, 17.4950, 15.4475



16.6060, 17.4950, 27.7050



19.0465, 17.4950, 15.5447

Complementary

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



14.4447, 17.4950, 15.4475



15.6052, 14.1577, 18.7406

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.



19.4260, 17.4950, 19.1135



14.4447, 17.4950, 15.4475



17.9705, 17.4950, 26.4584

Square

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



14.4447, 17.4950, 15.4475



15.3181, 17.4950, 26.3783



19.0219, 17.4950, 23.1710



18.0115, 17.4950, 13.2212

Rectangle

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



14.4447, 17.4950, 15.4475



14.2504, 17.4950, 21.7025



19.0219, 17.4950, 23.1710



19.2574, 17.4950, 16.6213

Sweetspot

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



14.4452, 17.4957, 15.4479



30.1207, 33.0622, 33.8981



16.5278, 18.5975, 14.2740



6.8453, 7.5394, 7.6919



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.



14.4452, 17.4957, 15.4479



23.9116, 30.0522, 24.9834



15.0801, 17.7497, 18.7912



3.9819, 4.4624, 4.4385



7.5141, 14.7293, 3.4261



35.5851, 70.1571, 14.9853

Inverse Universe

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



15.6052, 14.1577, 18.7406



26.3762, 22.9580, 31.9778



14.9543, 13.8973, 15.3132



4.1204, 4.0639, 4.8318



10.6984, 5.2555, 12.2348



50.7168, 24.9431, 56.6980

Previews

White Background



This preview shows how the XYZ color 14.4447, 17.4950, 15.4475 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 14.4447, 17.4950, 15.4475 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 14.4447, 17.4950, 15.4475

Background



This preview shows how black text looks on a background with the XYZ color 14.4447, 17.4950, 15.4475.

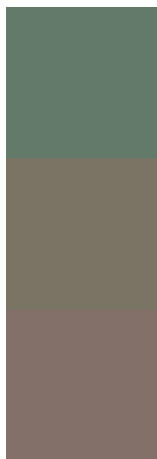


This preview shows how white text looks on a background with the XYZ color 14.4447, 17.4950,

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

14.4447, 17.4950, 15.4475

Protanopia

16.5717, 17.5485, 14.5704

Deuteranopia

17.7040, 17.4336, 15.7965



Tritanopia

15.8542, 17.3402, 22.9335

Trichromacy



Original Color

14.4447, 17.4950, 15.4475

Protanomaly

15.6374, 17.4072, 14.8477

Deuteranomaly

16.3518, 17.4122, 15.5958

Tritanomaly

15.2934, 17.2923, 19.9845

Monochromacy



Original Color

14.4447, 17.4950, 15.4475

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1900, 16.7831, 16.9069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4447, 17.4950, 15.4475 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(98, 122, 103)` looks like.

```
.text, #text, p{  
    color:rgb(98, 122, 103)  
}
```

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(98, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 122, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.4447, 17.4950, 15.4475 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(98, 122, 103) }
```


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

```
.border{ border-color:rgb(98, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 122, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 122, 103);  
box-shadow:4px 4px 4px 4px rgb(98, 122,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4447, 17.4950, 15.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 122, 103) }
```

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

```
.background{ background-color: rgb(98, 122,  
103) }
```

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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