

Converting Colors

XYZ(14.5519, 17.5941, 15.7698)

Have a look what the booklet for
XYZ(14.5519, 17.5941, 15.7698)
contains.

XYZ(14.4952, 17.5152, 15.7135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4952, 17.5152,
15.7135)**

Conversions

Conversions Part 1

Format	Color
Hex	627A68
RGB	98, 122, 104
RGB Percent	38%, 48%, 41%
CMY	0.6157, 0.5216, 0.5922
CMYK	0.20, 0.00, 0.15, 0.52
HSL	135°, 11%, 43%
HSV	135°, 20%, 48%
XYZ	14.4952, 17.5152, 15.7135
YIQ	112.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

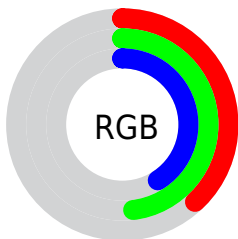
Format	Color
R _Y B	98, 117, 122
Decimal	6453864
CIE Lab	48.90, -12.62, 7.00
CIE LCh	49, 14.427, 150.996
Yxy	17.5152, 0.3037, 0.3670
Android (android.graphics.Color)	4284643944 (0xFF627A68)
YUV	112.7720, -4.3246, -12.9550
Hunter-Lab	41.8512, -11.4159, 7.0347

Details

The XYZ color **14.4952, 17.5152, 15.7135** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5467, 14.1343, 18.4325**, and the grayscale version is **15.6431, 16.4577, 17.9224**.

A 20% lighter version of the original color is **33.4469, 39.0282, 36.7807**, and **4.4863, 5.7643, 4.7471** is the 20% darker color. If you saturate the color by 10%, you get **12.8380, 16.7122, 13.3401**, and if you desaturate by 10%, it is **16.4045, 18.4433, 18.3628**.

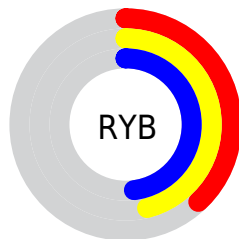
Distribution



Red (38%)

Green (48%)

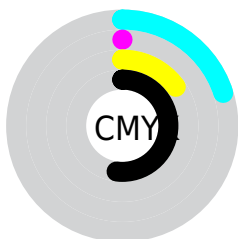
Blue (41%)



Red (38%)

Yellow (46%)

Blue (48%)

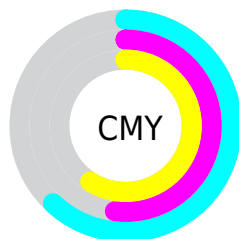


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4952, 17.5152, 15.7135 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 14.4952, 17.5152, 15.7135 by changing the saturation by 10% instead.

■ 14.4952, 17.5152,
15.7135

■ 14.4952, 17.5152,
15.7135

213.7396,
238.1241, 239.4329

■ 8.5499, 10.6025,
9.1695

■ 33.5441, 39.2095,
36.8599

■ 4.5035, 5.8002,
4.7536

■ 47.3784, 54.7599,
52.2995

■ 1.9907, 2.7240,
2.0472

■ 64.5731, 73.9582,
71.5413

■ 0.6288, 0.9894,
0.5841

■ 85.4935, 97.1890,
95.0038

■ 0.0000, 0.0000,
0.0000

110.5050,
124.8366, 123.1057

139.9730,

157.2854, 156.2655

174.2627,
194.9197, 194.9017

■ 14.4952, 17.5152,
15.7135

■ 14.4952, 17.5152,
15.7135

■ 12.8380, 16.7122,
13.3401

■ 16.4045, 18.4433,
18.3628

■ 11.4209, 16.0268,
11.2325

■ 18.5744, 19.4993,
21.2952

■ 10.2328, 15.4541,
9.3818

■ 21.0150, 20.6886,
24.5193

■ 9.2613, 14.9877,
7.7781

■ 23.7351, 22.0157,
28.0428

■ 8.4929, 14.6211,
6.4109

■ 26.7434, 23.4849,
31.8732

■ 7.9123, 14.3465,
5.2689

■ 30.0481, 25.1002,
36.0177

■ 7.5021, 14.1551,
4.3398

■ 33.6570, 26.8656,
40.4832

■ 7.2095, 14.0202,
3.6087

■ 37.5777, 28.7847,
45.2766

■ 7.2007, 14.0161,
3.5879

■ 41.8175, 30.8613,
50.4043

Harmonies

Analogous

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



15.3562, 17.5152, 13.4212



14.4952, 17.5152, 15.7135



14.2030, 17.5152, 19.1996

Triad

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



14.4952, 17.5152, 15.7135



16.6925, 17.5152, 27.4377



18.9545, 17.5152, 15.5191

Complementary

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



14.4952, 17.5152, 15.7135



15.5467, 14.1343, 18.4325

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.



19.3579, 17.5152, 18.9431



14.4952, 17.5152, 15.7135



18.0096, 17.5152, 26.1185

Square

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



14.4952, 17.5152, 15.7135



15.4298, 17.5152, 26.2769



19.0033, 17.5152, 22.8758



17.9280, 17.5152, 13.3200

Rectangle

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



14.4952, 17.5152, 15.7135



14.3570, 17.5152, 21.8380



19.0033, 17.5152, 22.8758



19.1698, 17.5152, 16.5484

Sweetspot

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



14.4957, 17.5159, 15.7139



30.1528, 33.0751, 34.0669



16.4206, 18.5422, 14.2690



6.8531, 7.5425, 7.7333



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.



14.4957, 17.5159, 15.7139



24.0166, 30.0942, 25.5362



15.1262, 17.7682, 19.0343



3.9882, 4.4649, 4.4717



7.5777, 14.7548, 3.7613



35.8522, 70.2639, 16.3917

Inverse Universe

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



15.5467, 14.1343, 18.4325



26.2495, 22.9074, 31.3106



14.9133, 13.8809, 15.0971



4.1137, 4.0612, 4.7964



10.4577, 5.1592, 10.9669



49.5302, 24.4684, 50.4493

Previews

White Background



This preview shows how the XYZ color 14.4952, 17.5152, 15.7135 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 14.4952, 17.5152, 15.7135 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 14.4952, 17.5152, 15.7135

Background



This preview shows how black text looks on a background with the XYZ color 14.4952, 17.5152, 15.7135.

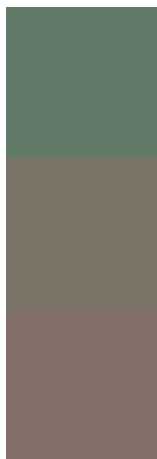


This preview shows how white text looks on a background with the XYZ color 14.4952, 17.5152,

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

14.4952, 17.5152, 15.7135

Protanopia

16.4795, 17.4953, 14.8203

Deuteranopia

17.7558, 17.4542, 16.0688



Tritanopia

15.9726, 17.5769, 22.9729

Trichromacy



Original Color

14.4952, 17.5152, 15.7135

Protanomaly

15.6868, 17.4269, 15.1073

Deuteranomaly

16.4029, 17.4326, 15.8649

Tritanomaly

15.4131, 17.5316, 20.0243

Monochromacy



Original Color

14.4952, 17.5152, 15.7135

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2442, 16.8047, 17.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4952, 17.5152, 15.7135 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, 104) looks like.

```
.text, #text, p{  
    color:rgb(98, 122, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.4952, 17.5152, 15.7135 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, 104) }
```


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

```
.border{ border-color:rgb(98, 122, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(98, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4952, 17.5152, 15.7135 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, 104) }
```

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

```
.background{ background-color: rgb(98, 122,  
104) }
```

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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