

Converting Colors

XYZ(14.9093, 17.2120, 13.8476)

Have a look what the booklet for
XYZ(14.9093, 17.2120, 13.8476)
contains.

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Color

**XYZ(14.9388, 17.2449,
13.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7761
RGB	108, 119, 97
RGB Percent	42%, 47%, 38%
CMY	0.5765, 0.5333, 0.6196
CMYK	0.09, 0.00, 0.18, 0.53
HSL	90°, 10%, 42%
HSV	90°, 18%, 47%
XYZ	14.9388, 17.2449, 13.8505
YIQ	113.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

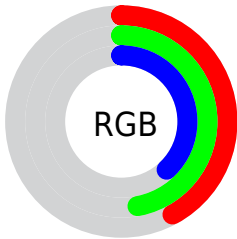
Format	Color
R_{YB}	97, 119, 108
Decimal	7108449
CIE _{Lab}	48.57, -8.47, 10.74
CIE _{LCh}	49, 13.678, 128.276
Yxy	17.2449, 0.3245, 0.3746
Android (android.graphics.Color)	4285298529 (0xFF6C7761)
YUV	113.2030, -7.9881, -4.5630
Hunter-Lab	41.5270, -8.4591, 9.2939

Details

The XYZ color **14.9388, 17.2449, 13.8505** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7896, 13.0700, 19.2497**, and the grayscale version is **15.7796, 16.6013, 18.0789**.

A 20% lighter version of the original color is **34.4054, 38.7375, 33.6807**, and **4.7143, 5.7062, 3.9849** is the 20% darker color. If you saturate the color by 10%, you get **13.7259, 16.6795, 11.1114**, and if you desaturate by 10%, it is **16.2853, 17.8706, 17.0312**.

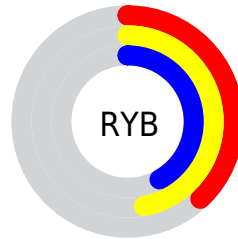
Distribution



Red (42%)

Green (47%)

Blue (38%)



Red (38%)

Yellow (47%)

Blue (42%)

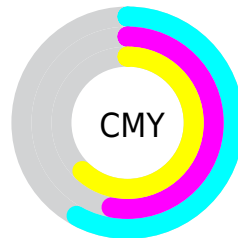


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9388, 17.2449, 13.8505 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 14.9388, 17.2449, 13.8505 by changing the saturation by 10% instead.

■ 14.9388, 17.2449,
13.8505

■ 14.9388, 17.2449,
13.8505

216.3912,
236.5797, 227.6948

■ 8.8625, 10.4093,
7.8792

■ 34.3183, 38.7464,
33.5368

■ 4.7080, 5.6711,
3.9311

■ 48.3522, 54.1810,
48.0889

■ 2.1099, 2.6462,
1.5876

■ 65.7694, 73.2507,
66.3384

■ 0.6946, 0.9499,
0.2820

■ 86.9351, 96.3399,
88.7037

■ 0.0000, 0.0000,
0.0000

112.2148,
123.8330, 115.6035

141.9739,

156.1144, 147.4562

176.5775,
193.5686, 184.6805

■ 14.9388, 17.2449,
13.8505

■ 14.9388, 17.2449,
13.8505

■ 13.7259, 16.6795,
11.1114

■ 16.2853, 17.8706,
17.0312

■ 12.6406, 16.1702,
8.7932

■ 17.7685, 18.5561,
20.6707

■ 11.6783, 15.7156,
6.8753

■ 19.3930, 19.3042,
24.7865

■ 10.8337, 15.3134,
5.3349

■ 21.1627, 20.1164,
29.3950

■ 10.1009, 14.9611,
4.1471

■ 23.0816, 20.9943,
34.5119

■ 9.4735, 14.6562,
3.2836

■ 25.1534, 21.9397,
40.1520

■ 8.9442, 14.3954,
2.7120

■ 27.3815, 22.9539,
46.3296

■ 8.4941, 14.1712,
2.3393

■ 29.7693, 24.0384,
53.0584

■ 8.4300, 14.1393,
2.2848

■ 32.3203, 25.1947,
60.3517

Harmonies

Analogous

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



16.0453, 17.2449, 12.7265



14.9388, 17.2449, 13.8505



14.2466, 17.2449, 16.3297

Triad

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



14.9388, 17.2449, 13.8505



15.5124, 17.2449, 25.9685



18.9006, 17.2449, 17.7979

Complementary

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



14.9388, 17.2449, 13.8505



13.7896, 13.0700, 19.2497

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.



18.7399, 17.2449, 21.4568



14.9388, 17.2449, 13.8505



16.7411, 17.2449, 26.4927

Square

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



14.9388, 17.2449, 13.8505



14.5658, 17.2449, 23.3989



17.9339, 17.2449, 24.7512



18.3621, 17.2449, 14.8073

Rectangle

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



14.9388, 17.2449, 13.8505



14.0918, 17.2449, 18.5694



17.9339, 17.2449, 24.7512



18.9270, 17.2449, 18.9857

Sweetspot

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



14.9393, 17.2456, 13.8509



29.7590, 32.2763, 31.9442



15.1287, 15.5108, 13.5060



7.0224, 7.6352, 7.4971



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.



14.9393, 17.2456, 13.8509



25.8380, 30.4553, 22.7118



13.6848, 16.5990, 13.7922



3.7988, 4.1798, 3.9488



8.9448, 15.0156, 2.4269



42.6010, 72.6634, 11.7801

Inverse Universe

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



13.7896, 13.0700, 19.2497



23.3948, 21.5811, 34.1856



15.2130, 13.8037, 19.3164



3.6589, 3.6714, 4.6061



5.4753, 2.4139, 18.7199



25.6935, 11.2540, 91.1783

Previews

White Background



This preview shows how the XYZ color 14.9388, 17.2449, 13.8505 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 14.9388, 17.2449, 13.8505 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

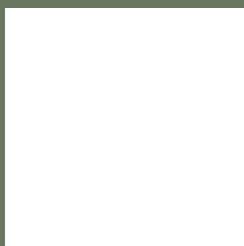
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9388, 17.2449, 13.8505

Background



This preview shows how black text looks on a background with the XYZ color 14.9388, 17.2449, 13.8505.



This preview shows how white text looks on a background with the XYZ color 14.9388, 17.2449,

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

14.9388, 17.2449, 13.8505

Protanopia

16.2223, 17.2253, 13.2963

Deuteranopia

17.4523, 17.1753, 14.1997



Tritanopia

16.4509, 17.1614, 21.5142

Trichromacy



Original Color

14.9388, 17.2449, 13.8505

Protanomaly

15.6928, 17.1172, 13.5432

Deuteranomaly

16.3903, 17.1274, 13.9973

Tritanomaly

15.8382, 17.0852, 18.3826

Monochromacy



Original Color

14.9388, 17.2449, 13.8505

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3401, 16.7025, 16.3253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9388, 17.2449, 13.8505 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, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 97)  
}
```

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, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.9388, 17.2449, 13.8505 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, 119, 97) }
```


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

```
.border{ border-color:rgb(108, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9388, 17.2449, 13.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 97) }
```

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

```
.background{ background-color: rgb(108,  
119, 97) }
```

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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