

Converting Colors

XYZ(15.2668, 17.4006, 13.4889)

Have a look what the booklet for
XYZ(15.2668, 17.4006, 13.4889)
contains.

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Color

**XYZ(15.2179, 17.3994,
13.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	6F775F
RGB	111, 119, 95
RGB Percent	44%, 47%, 37%
CMY	0.5647, 0.5333, 0.6274
CMYK	0.07, 0.00, 0.20, 0.53
HSL	80°, 11%, 42%
HSV	80°, 20%, 47%
XYZ	15.2179, 17.3994, 13.3828
YIQ	113.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

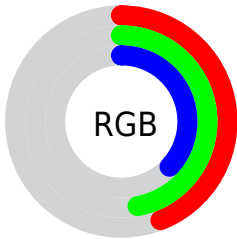
Format	Color
RYB	95, 119, 103
Decimal	7305055
CIELab	48.76, -7.63, 12.21
CIElCh	49, 14.403, 121.997
Yxy	17.3994, 0.3308, 0.3782
Android (android.graphics.Color)	4285495135 (0xFF6F775F)
YUV	113.8720, -9.3039, -2.5187
Hunter-Lab	41.7126, -7.8753, 10.1766

Details

The XYZ color **15.2179, 17.3994, 13.3828** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0162, 12.4004, 19.1612**, and the grayscale version is **15.9826, 16.8150, 18.3115**.

A 20% lighter version of the original color is **34.8555, 38.9877, 32.8824**, and **4.8575, 5.7850, 3.7663** is the 20% darker color. If you saturate the color by 10%, you get **14.2297, 16.9483, 10.7254**, and if you desaturate by 10%, it is **16.3119, 17.8965, 16.4774**.

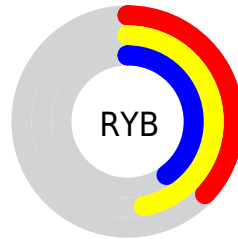
Distribution



Red (44%)

Green (47%)

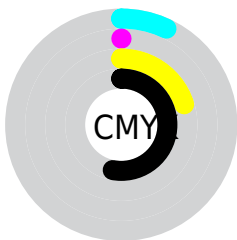
Blue (37%)



Red (37%)

Yellow (47%)

Blue (40%)

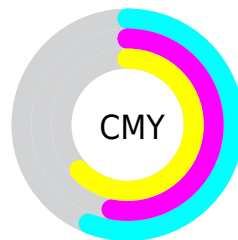


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2179, 17.3994, 13.3828 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 15.2179, 17.3994, 13.3828 by changing the saturation by 10% instead.

■ 15.2179, 17.3994,
13.3828

■ 15.2179, 17.3994,
13.3828

218.0437,
237.4636, 224.6499

■ 9.0598, 10.5197,
7.5589

■ 34.8035, 39.0112,
32.6910

■ 4.8376, 5.7448,
3.7303

■ 48.9617, 54.5121,
47.0124

■ 2.1861, 2.6906,
1.4786

■ 66.5173, 73.6555,
65.0033

■ 0.7354, 0.9724,
0.2019

■ 87.8356, 96.8257,
87.0823

■ 0.0000, 0.0000,
0.0000

113.2821,
124.4073, 113.6679

143.2220,

156.7845, 145.1787

178.0208,
194.3418, 182.0332

■ 15.2179, 17.3994,
13.3828

■ 15.2179, 17.3994,
13.3828

■ 14.2297, 16.9483,
10.7254

■ 16.3119, 17.8965,
16.4774

■ 13.3419, 16.5393,
8.4842

■ 17.5140, 18.4390,
20.0263

■ 12.5505, 16.1714,
6.6385

■ 18.8284, 19.0289,
24.0475

■ 11.8510, 15.8427,
5.1651

■ 20.2584, 19.6677,
28.5574

■ 11.2383, 15.5510,
4.0386

■ 21.8072, 20.3568,
33.5717

■ 10.7064, 15.2942,
3.2302

■ 23.4779, 21.0974,
39.1052

■ 10.2489, 15.0694,
2.7068

■ 25.2736, 21.8906,
45.1725

■ 9.8486, 14.8706,
2.3512

■ 27.1971, 22.7378,
51.7873

■ 29.2511, 23.6400,
58.9629

Harmonies

Analogous

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



16.4485, 17.3994, 12.5220



15.2179, 17.3994, 13.3828



14.3788, 17.3994, 15.7071

Triad

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



15.2179, 17.3994, 13.3828



15.3646, 17.3994, 26.1833



19.2302, 17.3994, 18.6906

Complementary

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



15.2179, 17.3994, 13.3828



13.0162, 12.4004, 19.1612

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.



18.9024, 17.3994, 22.5998



15.2179, 17.3994, 13.3828



16.6270, 17.3994, 27.2571

Square

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



15.2179, 17.3994, 13.3828



14.4602, 17.3994, 23.1014



17.9315, 17.3994, 25.8675



18.8050, 17.3994, 15.3197

Rectangle

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



15.2179, 17.3994, 13.3828



14.1299, 17.3994, 17.9426



17.9315, 17.3994, 25.8675



19.2043, 17.3994, 19.9841

Sweetspot

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



15.2184, 17.4002, 13.3832



30.0493, 32.4260, 31.9578



14.5242, 14.4492, 12.8502



7.0965, 7.6734, 7.5006



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.



15.2184, 17.4002, 13.3832



26.4415, 30.7882, 21.7566



13.8085, 16.6734, 13.3172



3.8537, 4.2080, 3.9514



10.4527, 15.7929, 2.4974



50.0013, 76.4784, 12.1265

Inverse Universe

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



13.0162, 12.4004, 19.1612



21.7752, 20.1920, 34.0028



14.4929, 13.1616, 19.2304



3.6051, 3.6437, 4.6035



4.4447, 1.8826, 18.6717



20.8356, 8.7497, 90.9510

Previews

White Background



This preview shows how the XYZ color 15.2179, 17.3994, 13.3828 looks on a white background.

Color Contrast Check

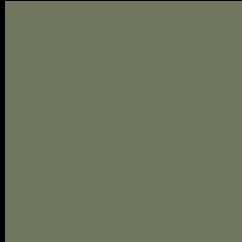
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2179, 17.3994, 13.3828 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

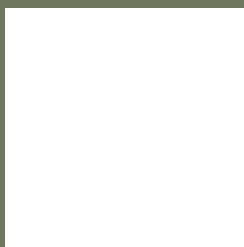
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2179, 17.3994, 13.3828

Background



This preview shows how black text looks on a background with the XYZ color 15.2179, 17.3994, 13.3828.



This preview shows how white text looks on a background with the XYZ color 15.2179, 17.3994,

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

15.2179, 17.3994, 13.3828

Protanopia

16.2749, 17.2627, 12.8302

Deuteranopia

17.6736, 17.3003, 13.7170



Tritanopia

16.8391, 17.3615, 21.5324

Trichromacy



Original Color

15.2179, 17.3994, 13.3828

Protanomaly

15.8735, 17.2209, 13.0770

Deuteranomaly

16.7328, 17.3148, 13.5265

Tritanomaly

16.1655, 17.2604, 18.1024

Monochromacy



Original Color

15.2179, 17.3994, 13.3828

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7093, 17.0630, 16.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2179, 17.3994, 13.3828 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(111, 119, 95)` looks like.

```
.text, #text, p{  
    color:rgb(111, 119, 95)  
}
```

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(111, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 119, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.2179, 17.3994, 13.3828 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(111, 119, 95) }
```


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

```
.border{ border-color:rgb(111, 119, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 119, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(111, 119,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2179, 17.3994, 13.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 119, 95) }
```

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

```
.background{ background-color: rgb(111,  
119, 95) }
```

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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