

Converting Colors

XYZ(17.4974, 17.7526, 19.6807)

Have a look what the booklet for
XYZ(17.4974, 17.7526, 19.6807)
contains.

XYZ(17.4268, 17.7070, 19.6389)	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(17.4268, 17.7070,
19.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7376
RGB	122, 115, 118
RGB Percent	48%, 45%, 46%
CMY	0.5216, 0.5490, 0.5373
CMYK	0.00, 0.06, 0.03, 0.52
HSL	334°, 3%, 46%
HSV	334°, 6%, 48%
XYZ	17.4268, 17.7070, 19.6389
YIQ	117.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

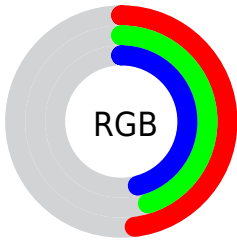
Format	Color
R_{YB}	122, 115, 118
Decimal	8024950
CIE Lab	49.14, 3.28, -0.69
CIE LCh	49, 3.353, 348.075
Yxy	17.7070, 0.3182, 0.3233
Android (android.graphics.Color)	4286215030 (0xFF7A7376)
YUV	117.4350, 0.2785, 4.0035
Hunter-Lab	42.0797, 0.2842, 1.7847

Details

The XYZ color **17.4268, 17.7070, 19.6389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3602, 18.8963, 20.1860**, and the grayscale version is **17.0424, 17.9299, 19.5257**.

A 20% lighter version of the original color is **38.5300, 39.5384, 43.6311**, and **5.8603, 5.8730, 6.6191** is the 20% darker color. If you saturate the color by 10%, you get **15.7276, 14.9472, 17.1031**, and if you desaturate by 10%, it is **19.3418, 20.8488, 22.3982**.

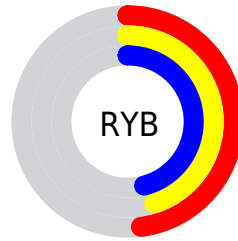
Distribution



Red (48%)

Green (45%)

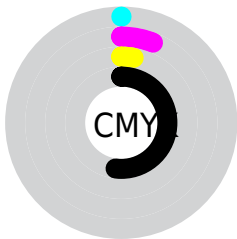
Blue (46%)



Red (48%)

Yellow (45%)

Blue (46%)

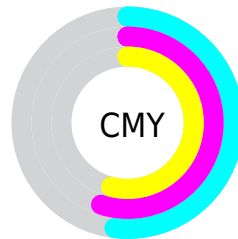


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4268, 17.7070, 19.6389 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 17.4268, 17.7070, 19.6389 by changing the saturation by 10% instead.

■ 17.4268, 17.7070,
19.6389

■ 17.4268, 17.7070,
19.6389

230.7286,
239.2143, 262.4928

■ 10.6364, 10.7398,
11.9514

■ 38.5959, 39.5374,
43.6619

■ 5.8884, 5.8922,
6.5884

■ 53.7054, 55.1695,
60.8345

■ 2.8174, 2.7796,
3.1316

■ 72.3187, 74.4586,
82.0058

■ 1.0579, 1.0178,
1.1622

■ 94.8010, 97.7892,
107.5944

■ 0.0000, 0.0000,
0.0000

121.5178,
125.5457, 138.0189

152.8345,

158.1124, 173.6978

189.1163,
195.8739, 215.0495

■ 17.4268, 17.7070,
19.6389

■ 17.4268, 17.7070,
19.6389

■ 15.7276, 14.9472,
17.1031

■ 19.3418, 20.8488,
22.3982

■ 14.2348, 12.5526,
14.7839

■ 21.4785, 24.3843,
25.3855

■ 12.9407, 10.5084,
12.6755

■ 23.8445, 28.3272,
28.6066

■ 11.8363, 8.7978,
10.7714

■ 26.4465, 32.6902,
32.0668

■ 10.9120, 7.4028,
9.0648

■ 29.2909, 37.4851,
35.7709

■ 10.1573, 6.3036,
7.5484

■ 32.3840, 42.7235,
39.7240

■ 9.5605, 5.4782,
6.2145

■ 35.7318, 48.4164,
43.9308

■ 9.1084, 4.9013,
5.0545

■ 39.3400, 54.5746,
48.3958

■ 8.7781, 4.5287,
4.0565

■ 43.2142, 61.2083,
53.1236

Harmonies

Analogous

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



17.2826, 17.7070, 20.4568



17.4268, 17.7070, 19.6389



17.4097, 17.7070, 18.7491

Triad

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



17.4268, 17.7070, 19.6389



16.6436, 17.7070, 17.6846



16.4303, 17.7070, 20.5934

Complementary

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



17.4268, 17.7070, 19.6389



17.3602, 18.8963, 20.1860

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.



16.2633, 17.7070, 19.8206



17.4268, 17.7070, 19.6389



16.3854, 17.7070, 18.1491

Square

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



17.4268, 17.7070, 19.6389



16.9549, 17.7070, 17.6393



16.2469, 17.7070, 18.9253



16.7057, 17.7070, 21.0192

Rectangle

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



17.4268, 17.7070, 19.6389



17.3091, 17.7070, 18.2345



16.2469, 17.7070, 18.9253



16.3598, 17.7070, 20.3645

Sweetspot

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



17.4273, 17.7078, 19.6393



31.8568, 33.1115, 36.2947



17.2474, 17.5870, 20.8983



7.2958, 7.5902, 8.3158



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.



17.4273, 17.7078, 19.6393



30.2081, 30.4166, 33.8879



17.3052, 17.7443, 18.7334



4.1397, 4.1660, 4.6427



9.1051, 4.6182, 3.8443



43.0232, 21.8656, 16.1844

Inverse Universe

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



17.4273, 17.7078, 19.6393



30.2081, 30.4166, 33.8879



17.4860, 18.8552, 21.1305



4.1397, 4.1660, 4.6427



9.1051, 4.6182, 3.8443



43.0232, 21.8656, 16.1844

Previews

White Background



This preview shows how the XYZ color 17.4268, 17.7070, 19.6389 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 17.4268, 17.7070, 19.6389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

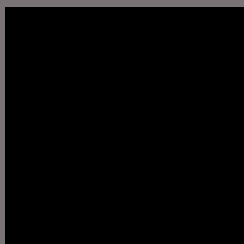
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4268, 17.7070, 19.6389

Background



This preview shows how black text looks on a background with the XYZ color 17.4268, 17.7070, 19.6389.



This preview shows how white text looks on a background with the XYZ color 17.4268, 17.7070,

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

17.4268, 17.7070, 19.6389

Protanopia

17.0464, 17.6742, 19.9658

Deuteranopia

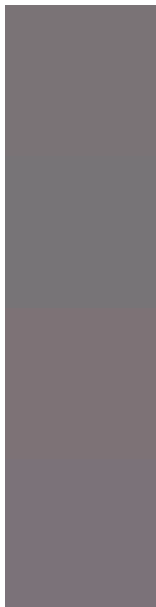
17.9275, 17.6303, 19.5976



Tritanopia

17.7608, 17.6756, 21.2145

Trichromacy



Original Color

17.4268, 17.7070, 19.6389

Protanomaly

17.1829, 17.7446, 19.9722

Deuteranomaly

17.7448, 17.7026, 19.6212

Tritanomaly

17.6369, 17.6261, 20.5618

Monochromacy



Original Color

17.4268, 17.7070, 19.6389

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0640, 17.6971, 19.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4268, 17.7070, 19.6389 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(122, 115, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 118)  
}
```

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(122, 115, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.4268, 17.7070, 19.6389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

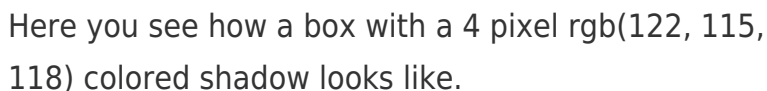
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 115, 118) }
```


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

```
.border{ border-color:rgb(122, 115, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(122, 115, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 115, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 115, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 115,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4268, 17.7070, 19.6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 118) }
```

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

```
.background{ background-color: rgb(122,  
115, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor