

Converting Colors

XYZ(17.3124, 17.4561, 19.3933)

Have a look what the booklet for
XYZ(17.3124, 17.4561, 19.3933)
contains.

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Color

**XYZ(17.2542, 17.4566,
19.2897)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7275
RGB	122, 114, 117
RGB Percent	48%, 45%, 46%
CMY	0.5216, 0.5529, 0.5412
CMYK	0.00, 0.07, 0.04, 0.52
HSL	338°, 3%, 46%
HSV	338°, 7%, 48%
XYZ	17.2542, 17.4566, 19.2897
YIQ	116.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

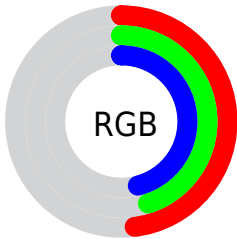
Format	Color
R_{YB}	122, 114, 117
Decimal	8024693
CIE Lab	48.83, 3.67, -0.55
CIE LCh	49, 3.710, 351.461
Yxy	17.4566, 0.3195, 0.3233
Android (android.graphics.Color)	4286214773 (0xFF7A7275)
YUV	116.7340, 0.1311, 4.6183
Hunter-Lab	41.7811, 0.5976, 1.8735

Details

The XYZ color **17.2542, 17.4566, 19.2897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2294, 18.8287, 20.1798**, and the grayscale version is **16.8255, 17.7017, 19.2771**.

A 20% lighter version of the original color is **38.2532, 39.1357, 43.0739**, and **5.7700, 5.7426, 6.4345** is the 20% darker color. If you saturate the color by 10%, you get **15.5386, 14.7139, 16.5948**, and if you desaturate by 10%, it is **19.1909, 20.5826, 22.2390**.

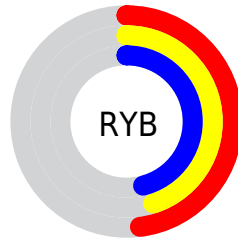
Distribution



Red (48%)

Green (45%)

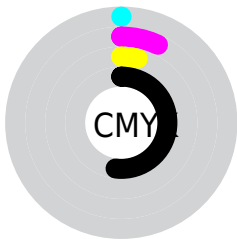
Blue (46%)



Red (48%)

Yellow (45%)

Blue (46%)

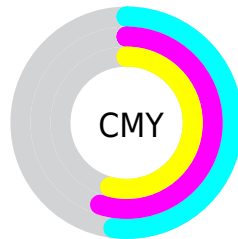


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2542, 17.4566, 19.2897 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 17.2542, 17.4566, 19.2897 by changing the saturation by 10% instead.

■ 17.2542, 17.4566,
19.2897

■ 17.2542, 17.4566,
19.2897

229.7608,
237.7901, 260.5192

■ 10.5123, 10.5606,
11.7009

■ 38.3024, 39.1092,
43.0663

■ 5.8048, 5.7722,
6.4203

■ 53.3395, 54.6345,
60.0911

■ 2.7663, 2.7071,
3.0294

■ 71.8724, 73.8051,
81.0983

■ 1.0314, 0.9808,
1.1097

■ 94.2664, 97.0053,
106.5064

■ 0.0000, 0.0000,
0.0000

120.8869,
124.6195, 136.7340

152.0992,

157.0321, 172.1997

188.2687,
194.6275, 213.3219

■ 17.2542, 17.4566,
19.2897

■ 17.2542, 17.4566,
19.2897

■ 15.5386, 14.7139,
16.5948

■ 19.1909, 20.5826,
22.2390

■ 14.0346, 12.3375,
14.1463

■ 21.3549, 24.1035,
25.4483

■ 12.7340, 10.3123,
11.9372

■ 23.7539, 28.0333,
28.9243

■ 11.6277, 8.6214,
9.9598

■ 26.3949, 32.3848,
32.6734

■ 10.7057, 7.2467,
8.2060

■ 29.2845, 37.1700,
36.7013

■ 9.9572, 6.1679,
6.6672

■ 32.4292, 42.4005,
41.0140

■ 9.3702, 5.3628,
5.3340

■ 35.8351, 48.0874,
45.6170

■ 8.9308, 4.8056,
4.1963

■ 39.5081, 54.2416,
50.5158

■ 8.6126, 4.4452,
3.2392

■ 43.4541, 60.8734,
55.7157

Harmonies

Analogous

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



17.1143, 17.4566, 20.2112



17.2542, 17.4566, 19.2897



17.2147, 17.4566, 18.3231

Triad

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



17.2542, 17.4566, 19.2897



16.3513, 17.4566, 17.2995



16.1836, 17.4566, 20.5266

Complementary

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



17.2542, 17.4566, 19.2897



17.2294, 18.8287, 20.1798

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.



15.9844, 17.4566, 19.7083



17.2542, 17.4566, 19.2897



16.0804, 17.4566, 17.8522

Square

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



17.2542, 17.4566, 19.2897



16.6903, 17.4566, 17.1962



15.9469, 17.4566, 18.7276



16.4940, 17.4566, 20.9413

Rectangle

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



17.2542, 17.4566, 19.2897



17.0922, 17.4566, 17.7813



15.9469, 17.4566, 18.7276



16.1016, 17.4566, 20.2883

Sweetspot

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



17.2547, 17.4574, 19.2901



31.8425, 33.1058, 36.2190



17.1294, 17.3579, 20.8600



7.2928, 7.5890, 8.2998



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.



17.2547, 17.4574, 19.2901



29.8354, 29.8767, 33.1300



17.1870, 17.5995, 18.4118



4.0547, 4.0376, 4.4856



8.9599, 4.5601, 3.0799



42.3567, 21.5990, 12.6744

Inverse Universe

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



17.2547, 17.4574, 19.2901



29.8354, 29.8767, 33.1300



17.2983, 18.6739, 21.1051



4.0547, 4.0376, 4.4856



8.9599, 4.5601, 3.0799



42.3567, 21.5990, 12.6744

Previews

White Background



This preview shows how the XYZ color 17.2542, 17.4566, 19.2897 looks on a white background.

Color Contrast Check

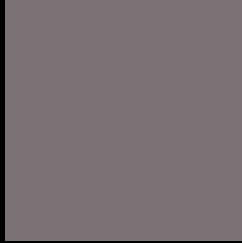
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2542, 17.4566, 19.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

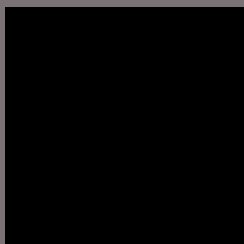
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2542, 17.4566, 19.2897

Background



This preview shows how black text looks on a background with the XYZ color 17.2542, 17.4566, 19.2897.



This preview shows how white text looks on a background with the XYZ color 17.2542, 17.4566,

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

17.2542, 17.4566, 19.2897

Protanopia

16.7369, 17.3514, 19.6066

Deuteranopia

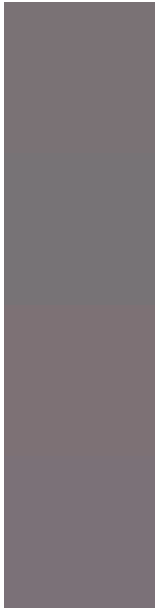
17.7575, 17.3847, 19.2493



Tritanopia

17.5864, 17.4263, 20.8491

Trichromacy



Original Color

17.2542, 17.4566, 19.2897

Protanomaly

17.0085, 17.4914, 19.6193

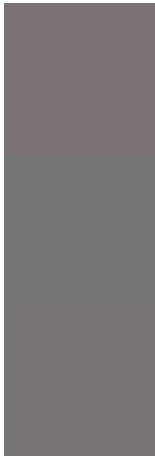
Deuteranomaly

17.5735, 17.4546, 19.2725

Tritanomaly

17.4637, 17.3773, 20.2030

Monochromacy



Original Color

17.2542, 17.4566, 19.2897

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 17.2542, 17.4566, 19.2897 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, 114, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 117)  
}
```

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, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.2542, 17.4566, 19.2897 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, 114, 117) }
```


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

```
.border{ border-color:rgb(122, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2542, 17.4566, 19.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 117) }
```

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

```
.background{ background-color: rgb(122,  
114, 117) }
```

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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