

Converting Colors

XYZ(17.4072, 18.3242, 13.2227)

Have a look what the booklet for
XYZ(17.4072, 18.3242, 13.2227)
contains.

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Color

**XYZ(17.4009, 18.3542,
13.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	80765E
RGB	128, 118, 94
RGB Percent	50%, 46%, 37%
CMY	0.4980, 0.5372, 0.6314
CMYK	0.00, 0.08, 0.27, 0.50
HSL	42°, 15%, 44%
HSV	42°, 27%, 50%
XYZ	17.4009, 18.3542, 13.2153
YIQ	118.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

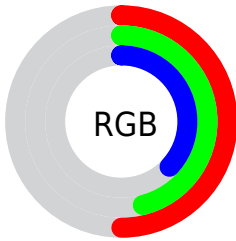
Format	Color
RYB	108, 128, 94
Decimal	8418910
CIELab	49.92, -0.24, 14.64
CIELCh	50, 14.639, 90.940
Yxy	18.3542, 0.3553, 0.3748
Android (android.graphics.Color)	4286608990 (0xFF80765E)
YUV	118.2540, -11.9572, 8.5472
Hunter-Lab	42.8418, -2.4725, 11.7002

Details

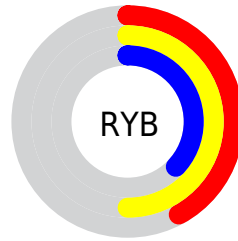
The XYZ color **17.4009, 18.3542, 13.2153** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4626, 13.8385, 22.3837**, and the grayscale version is **17.3332, 18.2359, 19.8589**.

A 20% lighter version of the original color is **38.4648, 40.5868, 32.1923**, and **5.8655, 6.2134, 3.6865** is the 20% darker color. If you saturate the color by 10%, you get **16.4393, 17.2751, 10.2922**, and if you desaturate by 10%, it is **18.4765, 19.5085, 16.6469**.

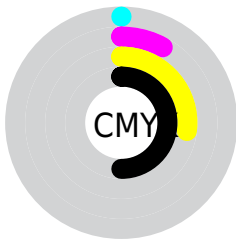
Distribution



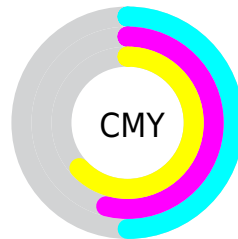
- Red (50%)
- Green (46%)
- Blue (37%)



- Red (42%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (50%)





- Cyan (50%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4009, 18.3542, 13.2153 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 17.4009, 18.3542, 13.2153 by changing the saturation by 10% instead.


 17.4009, 18.3542,
13.2153


 17.4009, 18.3542,
13.2153


230.5836,
242.8600, 223.5490


 10.6178, 11.2046,
7.4445


 38.5519, 40.6400,
32.3869


 5.8758, 6.2046,
3.6590


 53.6506, 56.5449,
46.6247

 2.8097, 2.9699,
1.4402

 72.2518, 76.1370,
64.5220

 1.0539, 1.1160,
0.1728

 94.7209, 99.8008,
86.4973

 0.0000, 0.0000,
0.0000

121.4233,
127.9206, 112.9691

152.7243,

160.8808, 144.3560

188.9893,
199.0658, 181.0764

■ 17.4009, 18.3542,
13.2153

■ 17.4009, 18.3542,
13.2153

■ 16.4393, 17.2751,
10.2922

■ 18.4765, 19.5085,
16.6469

■ 15.5852, 16.2663,
7.8515

■ 19.6691, 20.7376,
20.6088

■ 14.8340, 15.3263,
5.8669

■ 20.9836, 22.0443,
25.1231

■ 14.1797, 14.4525,
4.3087

■ 22.4240, 23.4307,
30.2102

■ 13.6159, 13.6417,
3.1439

■ 23.9941, 24.8985,
35.8896

■ 13.1351, 12.8908,
2.3345

■ 25.6977, 26.4496,
42.1797

■ 12.7238, 12.1940,
1.8094

■ 27.5383, 28.0856,
49.0983

■ 12.5890, 11.9630,
1.6456

■ 29.5193, 29.8082,
56.6621

■ 31.6439, 31.6190,
64.8877

Harmonies

Analogous

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



18.7878, 18.3542, 13.9661



17.4009, 18.3542, 13.2153



16.0952, 18.3542, 14.0662

Triad

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



17.4009, 18.3542, 13.2153



15.2332, 18.3542, 24.2235



19.9097, 18.3542, 23.9748

Complementary

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



17.4009, 18.3542, 13.2153



13.4626, 13.8385, 22.3837

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.



18.8684, 18.3542, 27.3664



17.4009, 18.3542, 13.2153



16.1680, 18.3542, 27.5230

Square

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



17.4009, 18.3542, 13.2153



14.8857, 18.3542, 20.1116



17.4894, 18.3542, 28.7425



20.2823, 18.3542, 19.8581

Rectangle

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



17.4009, 18.3542, 13.2153



15.4341, 18.3542, 15.5030



17.4894, 18.3542, 28.7425



19.6236, 18.3542, 25.2560

Sweetspot

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



17.4014, 18.3550, 13.2157



34.2754, 36.1513, 35.0880



15.4138, 13.5984, 14.9626



7.9578, 8.3957, 7.9904



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4014, 18.3550, 13.2157



29.5688, 31.1277, 19.9871



17.6529, 20.3260, 13.5829



4.5619, 4.8125, 4.6086



12.4841, 11.8646, 1.6321



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4626, 13.8385, 22.3837



21.3919, 21.7537, 39.0277



13.2437, 12.3194, 22.1020



4.2039, 4.4019, 5.4413



4.5403, 2.8992, 20.5702



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4009, 18.3542, 13.2153 looks on a white background.

Color Contrast Check

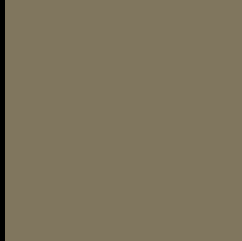
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4009, 18.3542, 13.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

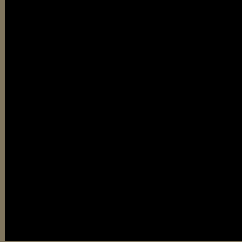
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4009, 18.3542, 13.2153

Background



This preview shows how black text looks on a background with the XYZ color 17.4009, 18.3542, 13.2153.

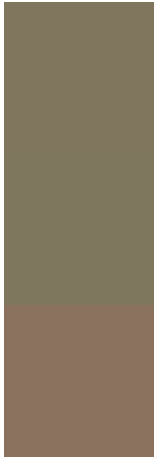


This preview shows how white text looks on a background with the XYZ color 17.4009, 18.3542,

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

17.4009, 18.3542, 13.2153

Protanopia

17.2214, 18.4374, 13.2408

Deuteranopia

18.5641, 18.2641, 13.3734



Tritanopia

19.1082, 18.3702, 21.2776

Trichromacy



Original Color

17.4009, 18.3542, 13.2153

Protanomaly

17.3696, 18.5138, 13.2477

Deuteranomaly

18.0278, 18.1560, 13.3808

Tritanomaly

18.4154, 18.2566, 17.8825

Monochromacy



Original Color

17.4009, 18.3542, 13.2153

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2648, 18.1986, 17.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4009, 18.3542, 13.2153 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(128, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(128, 118, 94)  
}
```

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(128, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 118, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.4009, 18.3542, 13.2153 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(128, 118, 94) }
```


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

```
.border{ border-color:rgb(128, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(128, 118,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4009, 18.3542, 13.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 118, 94) }
```

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

```
.background{ background-color: rgb(128,  
118, 94) }
```

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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