

Converting Colors

XYZ(17.3794, 18.5377, 12.9722)

Have a look what the booklet for
XYZ(17.3794, 18.5377, 12.9722)
contains.

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Color

**XYZ(17.3250, 18.4960,
13.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	7F775D
RGB	127, 119, 93
RGB Percent	50%, 47%, 36%
CMY	0.5020, 0.5333, 0.6353
CMYK	0.00, 0.06, 0.27, 0.50
HSL	46°, 15%, 43%
HSV	46°, 27%, 50%
XYZ	17.3250, 18.4960, 13.0129
YIQ	118.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

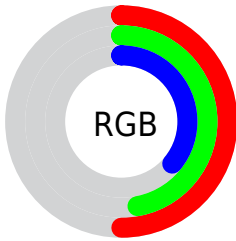
Format	Color
R_{YB}	103, 127, 93
Decimal	8353629
CIE _{Lab}	50.09, -1.38, 15.44
CIE _{LCh}	50, 15.499, 95.121
Yxy	18.4960, 0.3548, 0.3788
Android (android.graphics.Color)	4286543709 (0xFF7F775D)
YUV	118.4280, -12.5360, 7.5176
Hunter-Lab	43.0070, -3.3550, 12.1651

Details

The XYZ color **17.3250, 18.4960, 13.0129** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.9986, 13.1665, 21.9350**, and the grayscale version is **17.3899, 18.2955, 19.9238**.

A 20% lighter version of the original color is **38.3432, 40.8123, 31.8433**, and **5.8269, 6.2895, 3.5962** is the 20% darker color. If you saturate the color by 10%, you get **16.4588, 17.5902, 10.1757**, and if you desaturate by 10%, it is **18.2968, 19.4632, 16.3468**.

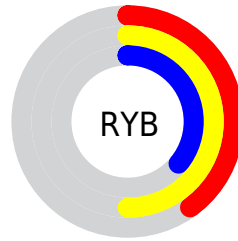
Distribution



Red (50%)

Green (47%)

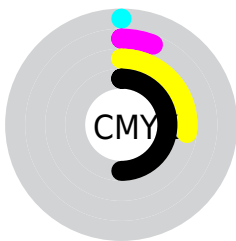
Blue (36%)



Red (40%)

Yellow (50%)

Blue (36%)

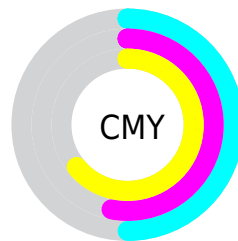


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3250, 18.4960, 13.0129 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 17.3250, 18.4960, 13.0129 by changing the saturation by 10% instead.

■ 17.3250, 18.4960,
13.0129

■ 17.3250, 18.4960,
13.0129

230.1583,
243.6521, 222.2111

■ 10.5632, 11.3067,
7.3066

■ 38.4229, 40.8807,
32.0185

■ 5.8391, 6.2735,
3.5732

■ 53.4897, 56.8449,
46.1548

■ 2.7872, 3.0121,
1.3943

■ 72.0556, 76.5028,
63.9383

■ 1.0423, 1.1380,
0.1372

■ 94.4859, 100.2388,
85.7874

■ 0.0000, 0.0102,
0.0000

121.1459,
128.4373, 112.1207

■ 0.0000, 0.0000,
0.0000

152.4011,

161.4828, 143.3567

188.6168,
199.7596, 179.9140

■ 17.3250, 18.4960,
13.0129

■ 17.3250, 18.4960,
13.0129

■ 16.4588, 17.5902,
10.1757

■ 18.2968, 19.4632,
16.3468

■ 15.6921, 16.7413,
7.8096

■ 19.3771, 20.4912,
20.1987

■ 15.0201, 15.9479,
5.8886

■ 20.5706, 21.5826,
24.5904

■ 14.4374, 15.2075,
4.3838

■ 21.8811, 22.7392,
29.5418

■ 13.9376, 14.5176,
3.2627

■ 23.3124, 23.9626,
35.0720

■ 13.5136, 13.8750,
2.4881

■ 24.8679, 25.2544,
41.1991

■ 13.1513, 13.2740,
1.9867

■ 26.5511, 26.6161,
47.9405

■ 13.0391, 13.0853,
1.8385

■ 28.3652, 28.0491,
55.3127

■ 30.3133, 29.5548,
63.3317

Harmonies

Analogous

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



18.8149, 18.4960, 13.5660



17.3250, 18.4960, 13.0129



15.9802, 18.4960, 14.1375

Triad

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



17.3250, 18.4960, 13.0129



15.3358, 18.4960, 25.2463



20.3136, 18.4960, 23.7977

Complementary

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



17.3250, 18.4960, 13.0129



12.9986, 13.1665, 21.9350

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.



19.2829, 18.4960, 27.6360



17.3250, 18.4960, 13.0129



16.4002, 18.4960, 28.5518

Square

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



17.3250, 18.4960, 13.0129



14.8740, 18.4960, 20.8815



17.8373, 18.4960, 29.4827



20.5955, 18.4960, 19.4143

Rectangle

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



17.3250, 18.4960, 13.0129



15.3295, 18.4960, 15.7958



17.8373, 18.4960, 29.4827



20.0404, 18.4960, 25.2132

Sweetspot

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



17.3255, 18.4968, 13.0133



34.4130, 36.4267, 35.1339



15.0405, 13.2904, 14.2136



7.9951, 8.4702, 8.0028



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.



17.3255, 18.4968, 13.0133



30.0741, 32.1383, 20.1555



17.1046, 19.8558, 13.2872



4.5823, 4.8534, 4.6154



13.1492, 13.1947, 1.8538



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9986, 13.1665, 21.9350



20.9899, 20.9497, 38.8937



13.1683, 12.1569, 21.7312



4.1846, 4.3633, 5.4349



4.3274, 2.4733, 20.4993



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3250, 18.4960, 13.0129 looks on a white background.

Color Contrast Check

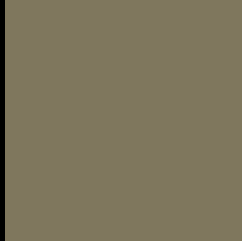
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.3250, 18.4960, 13.0129 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

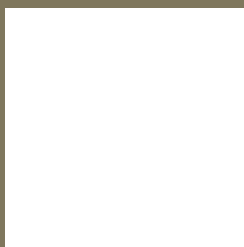
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3250, 18.4960, 13.0129

Background



This preview shows how black text looks on a background with the XYZ color 17.3250, 18.4960, 13.0129.

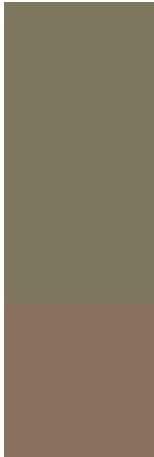


This preview shows how white text looks on a background with the XYZ color 17.3250, 18.4960,

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

17.3250, 18.4960, 13.0129

Protanopia

17.3250, 18.4960, 13.0129

Deuteranopia

18.6852, 18.3317, 13.1432



Tritanopia

19.1289, 18.5420, 21.6395

Trichromacy



Original Color

17.3250, 18.4960, 13.0129

Protanomaly

17.3250, 18.4960, 13.0129

Deuteranomaly

18.2574, 18.4498, 13.1886

Tritanomaly

18.4319, 18.4289, 18.2084

Monochromacy



Original Color

17.3250, 18.4960, 13.0129

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1239, 18.1259, 17.0641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3250, 18.4960, 13.0129 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(127, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(127, 119, 93)  
}
```

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(127, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 119, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.3250, 18.4960, 13.0129 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(127, 119, 93) }
```


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

```
.border{ border-color:rgb(127, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(127, 119,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3250, 18.4960, 13.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 119, 93) }
```

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

```
.background{ background-color: rgb(127,  
119, 93) }
```

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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