

Converting Colors

XYZ(17.2679, 18.1744, 13.2701)

Have a look what the booklet for
XYZ(17.2679, 18.1744, 13.2701)
contains.

XYZ(17.2838, 18.1199, 13.1762)	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(17.2838, 18.1199,
13.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	80755E
RGB	128, 117, 94
RGB Percent	50%, 46%, 37%
CMY	0.4980, 0.5412, 0.6314
CMYK	0.00, 0.09, 0.27, 0.50
HSL	41°, 15%, 44%
HSV	41°, 27%, 50%
XYZ	17.2838, 18.1199, 13.1762
YIQ	117.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

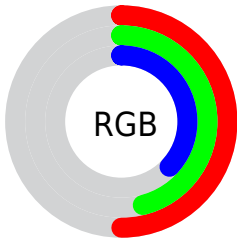
Format	Color
R_{YB}	110, 128, 94
Decimal	8418654
CIE Lab	49.64, 0.34, 14.25
CIE LCh	50, 14.253, 88.650
Yxy	18.1199, 0.3558, 0.3730
Android (android.graphics.Color)	4286608734 (0xFF80755E)
YUV	117.6670, -11.6678, 9.0620
Hunter-Lab	42.5675, -2.0162, 11.4448

Details

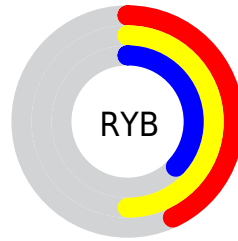
The XYZ color **17.2838, 18.1199, 13.1762** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5640, 14.0411, 22.4176**, and the grayscale version is **17.1484, 18.0415, 19.6472**.

A 20% lighter version of the original color is **38.2781, 40.2133, 32.1300**, and **5.8035, 6.0893, 3.6658** is the 20% darker color. If you saturate the color by 10%, you get **16.2848, 16.9660, 10.2406**, and if you desaturate by 10%, it is **18.4004, 19.3562, 16.6214**.

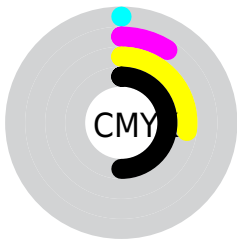
Distribution



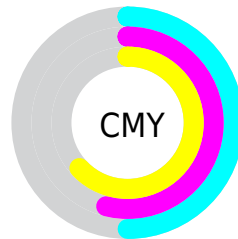
- Red (50%)
- Green (46%)
- Blue (37%)



- Red (43%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2838, 18.1199, 13.1762 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 17.2838, 18.1199, 13.1762 by changing the saturation by 10% instead.

■ 17.2838, 18.1199,
13.1762

■ 17.2838, 18.1199,
13.1762

229.9271,
241.5460, 223.2912

■ 10.5336, 11.0361,
7.4178

■ 38.3528, 40.2415,
32.3158

■ 5.8191, 6.0911,
3.6424

■ 53.4023, 56.0481,
46.5341

■ 2.7750, 2.9006,
1.4313

■ 71.9490, 75.5312,
64.4095

■ 1.0359, 1.0800,
0.1659

■ 94.3582, 99.0750,
86.3604

■ 0.0000, 0.0000,
0.0000

120.9952,
127.0640, 112.8056

152.2255,

159.8825, 144.1634

188.4143,
197.9151, 180.8524

■ 17.2838, 18.1199,
13.1762

■ 17.2838, 18.1199,
13.1762

■ 16.2848, 16.9660,
10.2406

■ 18.4004, 19.3562,
16.6214

■ 15.3969, 15.8897,
7.7887

■ 19.6378, 20.6748,
20.5983

■ 14.6154, 14.8891,
5.7940

■ 21.0008, 22.0787,
25.1288

■ 13.9342, 13.9615,
4.2268

■ 22.4936, 23.5698,
30.2334

■ 13.3470, 13.1038,
3.0542

■ 24.1201, 25.1503,
35.9316

■ 12.8461, 12.3126,
2.2381

■ 25.8839, 26.8219,
42.2418

■ 12.4177, 11.5817,
1.7074

■ 27.7889, 28.5866,
49.1818

■ 12.2779, 11.3406,
1.5418

■ 29.8382, 30.4460,
56.7686

■ 32.0354, 32.4019,
65.0183

Harmonies

Analogous

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



18.6124, 18.1199, 14.0236



17.2838, 18.1199, 13.1762



16.0044, 18.1199, 13.8843

Triad

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



17.2838, 18.1199, 13.1762



15.0378, 18.1199, 23.5237



19.5422, 18.1199, 23.8673

Complementary

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



17.2838, 18.1199, 13.1762



13.5640, 14.0411, 22.4176

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.



18.5008, 18.1199, 27.0207



17.2838, 18.1199, 13.1762



15.9035, 18.1199, 26.8047

Square

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



17.2838, 18.1199, 13.1762



14.7492, 18.1199, 19.5544



17.1612, 18.1199, 28.1593



19.9578, 18.1199, 19.9056

Rectangle

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



17.2838, 18.1199, 13.1762



15.3415, 18.1199, 15.2032



17.1612, 18.1199, 28.1593



19.2512, 18.1199, 25.0753

Sweetspot

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



17.2843, 18.1207, 13.1766



34.2068, 36.0142, 35.0652



15.4720, 13.6216, 15.2686



7.9392, 8.3586, 7.9842



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.



17.2843, 18.1207, 13.1766



29.3211, 30.6322, 19.9045



17.8131, 20.4087, 13.5903



4.5517, 4.7922, 4.6052



12.1755, 11.2474, 1.5293



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5640, 14.0411, 22.4176



21.5977, 22.1653, 39.0963



13.1180, 12.2545, 22.0963



4.2136, 4.4213, 5.4446



4.6648, 3.1480, 20.6117



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2838, 18.1199, 13.1762 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 17.2838, 18.1199, 13.1762 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 17.2838, 18.1199, 13.1762

Background



This preview shows how black text looks on a background with the XYZ color 17.2838, 18.1199, 13.1762.



This preview shows how white text looks on a background with the XYZ color 17.2838, 18.1199,

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

17.2838, 18.1199, 13.1762

Protanopia

16.9563, 18.1250, 13.1945

Deuteranopia

18.2872, 17.9548, 13.3283



Tritanopia

18.7781, 18.0407, 20.9048

Trichromacy



Original Color

17.2838, 18.1199, 13.1762

Protanomaly

17.1030, 18.2006, 13.2013

Deuteranomaly

17.9144, 17.9292, 13.3430

Tritanomaly

18.1479, 17.9503, 17.8375

Monochromacy



Original Color

17.2838, 18.1199, 13.1762

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 17.2838, 18.1199, 13.1762 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, 117, 94)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 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, 117, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.2838, 18.1199, 13.1762 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, 117, 94) }
```


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

```
.border{ border-color:rgb(128, 117, 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, 117, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 94);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2838, 18.1199, 13.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 94) }
```

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

```
.background{ background-color: rgb(128,  
117, 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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