

Converting Colors

XYZ(17.3822, 18.4187, 9.4053)

Have a look what the booklet for
XYZ(17.3822, 18.4187, 9.4053)
contains.

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Color

**XYZ(17.4558, 18.4652,
9.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	85764C
RGB	133, 118, 76
RGB Percent	52%, 46%, 30%
CMY	0.4784, 0.5372, 0.7020
CMYK	0.00, 0.11, 0.43, 0.48
HSL	44°, 27%, 41%
HSV	44°, 43%, 52%
XYZ	17.4558, 18.4652, 9.4816
YIQ	117.6970, 22.4220, -9.8820

Conversions

Conversions Part 2

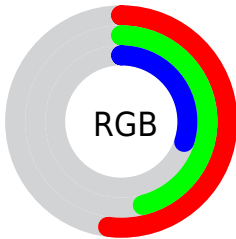
Format	Color
RYB	96, 133, 76
Decimal	8746572
CIELab	50.06, -0.51, 25.24
CIELCh	50, 25.246, 91.166
Yxy	18.4652, 0.3845, 0.4067
Android (android.graphics.Color)	4286936652 (0xFF85764C)
YUV	117.6970, -20.5566, 13.4207
Hunter-Lab	42.9712, -2.6890, 16.9974

Details

The XYZ color **17.4558, 18.4652, 9.4816** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9551, 10.7118, 23.6805**, and the grayscale version is **17.1828, 18.0777, 19.6866**.

A 20% lighter version of the original color is **38.5699, 40.7949, 25.2434**, and **5.9172, 6.2731, 2.1953** is the 20% darker color. If you saturate the color by 10%, you get **16.6361, 17.4908, 7.1582**, and if you desaturate by 10%, it is **18.3873, 19.5101, 12.3144**.

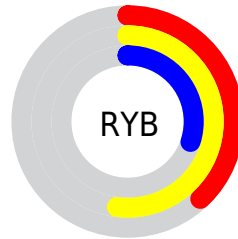
Distribution



Red (52%)

Green (46%)

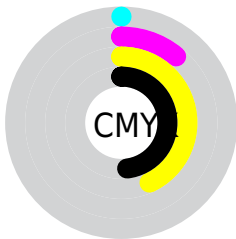
Blue (30%)



Red (38%)

Yellow (52%)

Blue (30%)

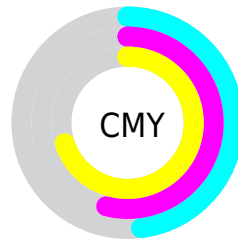


Cyan (0%)

Magenta (11%)

Yellow (43%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4558, 18.4652, 9.4816 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 17.4558, 18.4652, 9.4816 by changing the saturation by 10% instead.

■ 17.4558, 18.4652,
9.4816

■ 17.4558, 18.4652,
9.4816

230.8909,
243.4802, 197.2795

■ 10.6573, 11.2845,
4.9555

■ 38.6452, 40.8284,
25.4082

■ 5.9025, 6.2585,
2.1629

■ 53.7668, 56.7797,
37.6457

■ 2.8260, 3.0029,
0.6528

■ 72.3935, 76.4234,
53.2909

■ 1.0624, 1.1333,
0.0000

■ 94.8907, 100.1437,
72.7622

■ 0.0000, 0.0061,
0.0000

■ 121.6237,
128.3252, 96.4782

■ 0.0000, 0.0000,
0.0000

152.9578,

161.3522, 124.8574

189.2584,
199.6091, 158.3183

■ 17.4558, 18.4652,
9.4816

■ 17.4558, 18.4652,
9.4816

■ 16.6361, 17.4908,
7.1582

■ 18.3873, 19.5101,
12.3144

■ 15.9207, 16.5817,
5.3118

■ 19.4349, 20.6256,
15.6841

■ 15.3034, 15.7357,
3.9079

■ 20.6042, 21.8146,
19.6176

■ 14.7765, 14.9496,
2.9070

■ 21.9000, 23.0795,
24.1396

■ 14.3309, 14.2193,
2.2621

■ 23.3269, 24.4224,
29.2735

■ 14.0412, 13.7233,
1.9088

■ 24.8893, 25.8451,
35.0411

■ 26.5911, 27.3495,
41.4635

■ 28.4364, 28.9376,
48.5604

■ 30.4289, 30.6109,
56.3512

Harmonies

Analogous

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



19.8998, 18.4652, 10.5200



17.4558, 18.4652, 9.4816



15.2437, 18.4652, 10.6976

Triad

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



17.4558, 18.4652, 9.4816



13.8513, 18.4652, 27.8490



21.9662, 18.4652, 27.2676

Complementary

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



17.4558, 18.4652, 9.4816



10.9551, 10.7118, 23.6805

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.



20.0792, 18.4652, 33.8533



17.4558, 18.4652, 9.4816



15.3940, 18.4652, 34.2398

Square

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



17.4558, 18.4652, 9.4816



13.2846, 18.4652, 20.3787



17.6458, 18.4652, 36.6545



22.6442, 18.4652, 19.8346

Rectangle

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



17.4558, 18.4652, 9.4816



14.1594, 18.4652, 12.8328



17.6458, 18.4652, 36.6545



21.4442, 18.4652, 29.7090

Sweetspot

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



17.4563, 18.4661, 9.4820



36.8014, 38.9693, 34.7999



14.1544, 10.9144, 11.3037



8.1965, 8.6848, 7.5178



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.4563, 18.4661, 9.4820



29.8881, 31.4404, 13.0806



17.3963, 21.2685, 10.0261



4.9388, 5.2212, 4.9769



13.3813, 13.0852, 1.8204



0.0523, 0.0572, 0.0083

Inverse Universe

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



10.9551, 10.7118, 23.6805



16.7120, 15.7367, 41.8951



10.9669, 9.0013, 23.3497



4.5268, 4.7292, 5.8750



4.6109, 2.7695, 21.4282



0.0213, 0.0202, 0.0760

Previews

White Background



This preview shows how the XYZ color 17.4558, 18.4652, 9.4816 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 17.4558, 18.4652, 9.4816 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 17.4558, 18.4652, 9.4816

Background



This preview shows how black text looks on a background with the XYZ color 17.4558, 18.4652, 9.4816.



This preview shows how white text looks on a background with the XYZ color 17.4558, 18.4652,

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

17.4558, 18.4652, 9.4816

Protanopia

17.1073, 18.4613, 9.4992

Deuteranopia

18.6846, 18.4101, 9.5899



Tritanopia

19.7266, 18.3721, 20.5956

Trichromacy



Original Color

17.4558, 18.4652, 9.4816

Protanomaly

17.2614, 18.5407, 9.5064

Deuteranomaly

18.1177, 18.2863, 9.5959

Tritanomaly

18.7205, 18.2888, 15.9080

Monochromacy



Original Color

17.4558, 18.4652, 9.4816

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0950, 18.1471, 15.4337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4558, 18.4652, 9.4816 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(133, 118, 76)` looks like.

```
.text, #text, p{  
    color:rgb(133, 118, 76)  
}
```

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(133, 118, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 118, 76) }
```

Border

The CSS property to change the border of an element to XYZ 17.4558, 18.4652, 9.4816 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(133, 118, 76) }
```


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

```
.border{ border-color:rgb(133, 118, 76) }
```

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

Here you see how a box with a 4 pixel rgb(133, 118, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 118, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 118, 76);  
box-shadow:4px 4px 4px 4px rgb(133, 118,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4558, 18.4652, 9.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 118, 76) }
```

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

```
.background{ background-color: rgb(133,  
118, 76) }
```

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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