

Converting Colors

XYZ(17.7281, 18.4235, 9.8295)

Have a look what the booklet for
XYZ(17.7281, 18.4235, 9.8295)
contains.

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Color

**XYZ(17.7281, 18.4235,
9.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	87754E
RGB	135, 117, 78
RGB Percent	53%, 46%, 31%
CMY	0.4706, 0.5412, 0.6941
CMYK	0.00, 0.13, 0.42, 0.47
HSL	41°, 27%, 42%
HSV	41°, 42%, 53%
XYZ	17.7281, 18.4235, 9.8295
YIQ	117.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

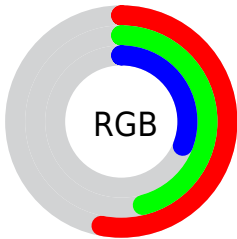
Format	Color
RYB	104, 135, 78
Decimal	8877390
CIELab	50.01, 1.17, 24.08
CIELCh	50, 24.112, 87.216
Yxy	18.4235, 0.3856, 0.4007
Android (android.graphics.Color)	4287067470 (0xFF87754E)
YUV	117.9360, -19.6884, 14.9651
Hunter-Lab	42.9226, -1.3896, 16.4681

Details

The XYZ color **17.7281, 18.4235, 9.8295** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.6979, 11.7344, 24.5701**, and the grayscale version is **17.2548, 18.1534, 19.7690**.

A 20% lighter version of the original color is **39.0705, 40.7533, 26.2290**, and **6.0588, 6.2509, 2.3260** is the 20% darker color. If you saturate the color by 10%, you get **16.8077, 17.2793, 7.3750**, and if you desaturate by 10%, it is **18.7714, 19.6544, 12.8157**.

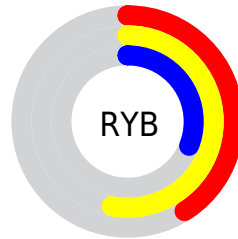
Distribution



Red (53%)

Green (46%)

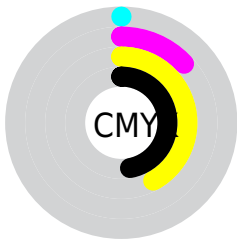
Blue (31%)



Red (41%)

Yellow (53%)

Blue (31%)

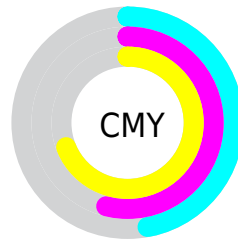


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7281, 18.4235, 9.8295 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 17.7281, 18.4235, 9.8295 by changing the saturation by 10% instead.

■ 17.7281, 18.4235,
9.8295

■ 17.7281, 18.4235,
9.8295

232.4093,
243.2474, 199.8912

■ 10.8535, 11.2545,
5.1819

■ 39.1072, 40.7576,
26.0771

■ 6.0349, 6.2383,
2.2938

■ 54.3424, 56.6915,
38.5142

■ 2.9072, 2.9905,
0.7277

■ 73.0951, 76.3159,
54.3849

■ 1.1049, 1.1268,
0.0000

■ 95.7307, 100.0150,
74.1077

■ 0.0292, 0.0006,
0.0000

■ 122.6146,
128.1733, 98.1012

■ 0.0000, 0.0000,
0.0000

154.1121,

161.1752, 126.7840

190.5885,
199.4051, 160.5744

■ 17.7281, 18.4235,
9.8295

■ 17.7281, 18.4235,
9.8295

■ 16.8077, 17.2793,
7.3750

■ 18.7714, 19.6544,
12.8157

■ 16.0024, 16.2163,
5.4188

■ 19.9422, 20.9722,
16.3620

■ 15.3056, 15.2318,
3.9252

■ 21.2464, 22.3805,
20.4963

■ 14.7093, 14.3223,
2.8535

■ 22.6891, 23.8818,
25.2441

■ 14.2040, 13.4834,
2.1556

■ 24.2751, 25.4784,
30.6296

■ 13.8514, 12.8704,
1.7542

■ 26.0090, 27.1726,
36.6756

■ 27.8953, 28.9666,
43.4036

■ 29.9379, 30.8625,
50.8344

■ 32.1411, 32.8623,
58.9876

Harmonies

Analogous

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



20.0340, 18.4235, 11.1364



17.7281, 18.4235, 9.8295



15.5527, 18.4235, 10.7234

Triad

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



17.7281, 18.4235, 9.8295



13.8426, 18.4235, 26.4749



21.5270, 18.4235, 27.7865

Complementary

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



17.7281, 18.4235, 9.8295



11.6979, 11.7344, 24.5701

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.



19.6271, 18.4235, 33.6697



17.7281, 18.4235, 9.8295



15.2092, 18.4235, 32.8026

Square

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



17.7281, 18.4235, 9.8295



13.4299, 18.4235, 19.4472



17.2956, 18.4235, 35.6810



22.3449, 18.4235, 20.6857

Rectangle

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



17.7281, 18.4235, 9.8295



14.4425, 18.4235, 12.5860



17.2956, 18.4235, 35.6810



20.9860, 18.4235, 30.0269

Sweetspot

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



17.7286, 18.4244, 9.8299



37.7867, 39.8015, 35.8610



14.8298, 11.4454, 12.5062



8.6410, 9.1002, 7.9523



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7286, 18.4244, 9.8299



30.1116, 30.9597, 13.2385



18.4311, 22.2042, 10.5224



4.9190, 5.1816, 4.9703



12.7850, 11.8926, 1.6217



0.0509, 0.0543, 0.0078

Inverse Universe

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



11.6979, 11.7344, 24.5701



17.7685, 17.2799, 43.4472



11.1650, 9.2951, 24.1273



4.5456, 4.7669, 5.8813



4.8277, 3.2032, 21.5005



0.0227, 0.0231, 0.0765

Previews

White Background



This preview shows how the XYZ color 17.7281, 18.4235, 9.8295 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 17.7281, 18.4235, 9.8295 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 17.7281, 18.4235, 9.8295

Background



This preview shows how black text looks on a background with the XYZ color 17.7281, 18.4235, 9.8295.



This preview shows how white text looks on a background with the XYZ color 17.7281, 18.4235,

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

17.7281, 18.4235, 9.8295

Protanopia

17.0614, 18.4253, 10.0543

Deuteranopia

18.7563, 18.4388, 9.9676



Tritanopia

19.8318, 18.4334, 20.2820

Trichromacy



Original Color

17.7281, 18.4235, 9.8295

Protanomaly

17.2498, 18.3467, 10.0292

Deuteranomaly

18.3572, 18.4014, 9.9814

Tritanomaly

19.0483, 18.4578, 15.9234

Monochromacy



Original Color

17.7281, 18.4235, 9.8295

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2388, 18.2212, 15.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7281, 18.4235, 9.8295 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(135, 117, 78)` looks like.

```
.text, #text, p{  
    color:rgb(135, 117, 78)  
}
```

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(135, 117, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 117, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.7281, 18.4235, 9.8295 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(135, 117, 78) }
```


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

```
.border{ border-color:rgb(135, 117, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 117, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 117, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 117, 78);  
box-shadow:4px 4px 4px 4px rgb(135, 117,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7281, 18.4235, 9.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 117, 78) }
```

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

```
.background{ background-color: rgb(135,  
117, 78) }
```

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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