

Converting Colors

XYZ(17.9956, 17.1385, 13.0407)

Have a look what the booklet for
XYZ(17.9956, 17.1385, 13.0407)
contains.

XYZ(17.9703, 17.1487, 12.9526)	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(17.9703, 17.1487,
12.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6D5E
RGB	138, 109, 94
RGB Percent	54%, 43%, 37%
CMY	0.4588, 0.5725, 0.6314
CMYK	0.00, 0.21, 0.32, 0.46
HSL	20°, 19%, 45%
HSV	20°, 32%, 54%
XYZ	17.9703, 17.1487, 12.9526
YIQ	115.9610, 22.0990, 1.4830

Conversions

Conversions Part 2

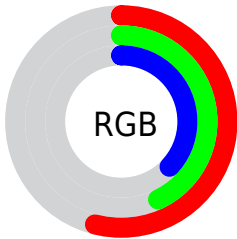
Format	Color
RYB	138, 117, 94
Decimal	9071966
CIELab	48.45, 9.19, 12.75
CIElCh	48, 15.717, 54.236
Yxy	17.1487, 0.3738, 0.3567
Android (android.graphics.Color)	4287262046 (0xFF8A6D5E)
YUV	115.9610, -10.8268, 19.3282
Hunter-Lab	41.4110, 4.9909, 10.4429

Details

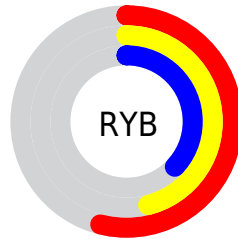
The XYZ color **17.9703, 17.1487, 12.9526** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2864, 18.3802, 26.7343**, and the grayscale version is **16.6163, 17.4816, 19.0375**.

A 20% lighter version of the original color is **39.5171, 38.7098, 31.7745**, and **6.1327, 5.5771, 3.5496** is the 20% darker color. If you saturate the color by 10%, you get **16.4851, 15.0823, 9.6707**, and if you desaturate by 10%, it is **19.6675, 19.4618, 16.8518**.

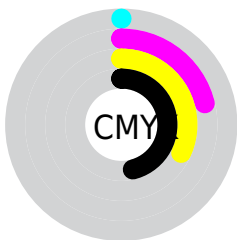
Distribution



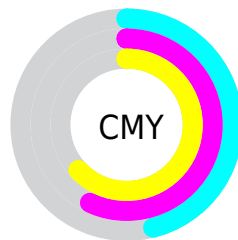
- Red (54%)
- Green (43%)
- Blue (37%)



- Red (54%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9703, 17.1487, 12.9526 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 17.9703, 17.1487, 12.9526 by changing the saturation by 10% instead.

■ 17.9703, 17.1487,
12.9526

■ 17.9703, 17.1487,
12.9526

233.7524,
236.0278, 221.8108

■ 11.0282, 10.3406,
7.2656

■ 39.5172, 38.5813,
31.9085

■ 6.1533, 5.6253,
3.5478

■ 54.8527, 53.9745,
46.0145

■ 2.9800, 2.6186,
1.3807

■ 73.7168, 72.9982,
63.7639

■ 1.1432, 0.9360,
0.1266

■ 96.4747, 96.0368,
85.5753

■ 0.0608, 0.0000,
0.0000

123.4919,
123.4746, 111.8671

■ 0.0000, 0.0000,
0.0000

155.1337,

155.6962, 143.0579

191.7654,
193.0858, 179.5663

■ 17.9703, 17.1487,
12.9526

■ 17.9703, 17.1487,
12.9526

■ 16.4851, 15.0823,
9.6707

■ 19.6675, 19.4618,
16.8518

■ 15.2018, 13.2518,
6.9731

■ 21.5838, 22.0272,
21.3971

■ 14.1109, 11.6490,
4.8250

■ 23.7275, 24.8533,
26.6167

■ 13.2022, 10.2644,
3.1876

■ 26.1061, 27.9475,
32.5366

■ 12.4638, 9.0875,
2.0169

■ 28.7268, 31.3166,
39.1816

■ 11.8824, 8.1070,
1.2613

■ 31.5962, 34.9675,
46.5754

■ 11.5000, 7.4406,
0.8301

■ 34.7211, 38.9067,
54.7403

■ 38.1076, 43.1403,
63.6979

■ 41.7619, 47.6745,
73.4690

Harmonies

Analogous

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



18.9544, 17.1487, 15.6048



17.9703, 17.1487, 12.9526



16.5788, 17.1487, 11.8463

Triad

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



17.9703, 17.1487, 12.9526



13.6988, 17.1487, 17.8875



17.4615, 17.1487, 26.8688

Complementary

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



17.9703, 17.1487, 12.9526



16.2864, 18.3802, 26.7343

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.



16.0230, 17.1487, 27.7165



17.9703, 17.1487, 12.9526



13.9045, 17.1487, 22.1169

Square

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



17.9703, 17.1487, 12.9526



14.1560, 17.1487, 14.4135



14.7353, 17.1487, 25.8672



18.6488, 17.1487, 23.6961

Rectangle

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



17.9703, 17.1487, 12.9526



15.6284, 17.1487, 11.9969



14.7353, 17.1487, 25.8672



16.9891, 17.1487, 27.4529

Sweetspot

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



17.9707, 17.1495, 12.9529



38.6477, 39.6260, 39.1682



18.0802, 14.8474, 20.7616



8.5702, 8.7576, 8.5483



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.



17.9707, 17.1495, 12.9529



29.8233, 27.6590, 18.7107



20.5734, 22.3548, 13.8205



5.1632, 5.3093, 5.3051



10.5563, 6.8471, 0.7652



0.0827, 0.0707, 0.0093

Inverse Universe

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



16.2864, 18.3802, 26.7343



26.3837, 30.1594, 46.8139



13.8899, 13.5871, 25.9354



5.0316, 5.4062, 6.3841



7.6457, 8.5618, 23.2953



0.0644, 0.0841, 0.1593

Previews

White Background



This preview shows how the XYZ color 17.9703, 17.1487, 12.9526 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 17.9703, 17.1487, 12.9526 looks on a black 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

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

XYZ 17.9703, 17.1487, 12.9526

Background



This preview shows how black text looks on a background with the XYZ color 17.9703, 17.1487, 12.9526.



This preview shows how white text looks on a background with the XYZ color 17.9703, 17.1487,

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

17.9703, 17.1487, 12.9526

Protanopia

16.1736, 17.1895, 13.7747

Deuteranopia

17.5363, 17.2454, 12.9941



Tritanopia

19.0065, 17.0984, 18.2182

Trichromacy



Original Color

17.9703, 17.1487, 12.9526

Protanomaly

16.7688, 17.1668, 13.4960

Deuteranomaly

17.5880, 17.1109, 12.9654

Tritanomaly

18.5590, 17.0659, 16.2258

Monochromacy



Original Color

17.9703, 17.1487, 12.9526

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9241, 17.1781, 16.6111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9703, 17.1487, 12.9526 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(138, 109, 94)` looks like.

```
.text, #text, p{  
    color:rgb(138, 109, 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(138, 109, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 109, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.9703, 17.1487, 12.9526 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(138, 109, 94) }
```


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

```
.border{ border-color:rgb(138, 109, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 109, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 109, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 109, 94);  
box-shadow:4px 4px 4px 4px rgb(138, 109,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9703, 17.1487, 12.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 109, 94) }
```

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

```
.background{ background-color: rgb(138,  
109, 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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