

Converting Colors

XYZ(17.4095, 12.9568, 10.2305)

Have a look what the booklet for
XYZ(17.4095, 12.9568, 10.2305)
contains.

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Color

**XYZ(17.3846, 12.9232,
10.1725)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 984F55 |
| RGB | 152, 79, 85 |
| RGB Percent | 60%, 31%, 33% |
| CMY | 0.4039, 0.6902, 0.6667 |
| CMYK | 0.00, 0.48, 0.44, 0.40 |
| HSL | 355°, 32%, 45% |
| HSV | 355°, 48%, 60% |
| XYZ | 17.3846, 12.9232, 10.1725 |
| YIQ | 101.5110, 41.5820, 17.3420 |

Conversions

Conversions Part 2

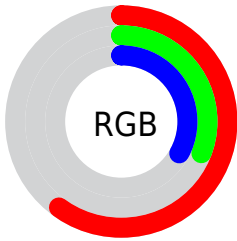
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 152, 79, 85 |
| Decimal | 9981781 |
| CIE Lab | 42.65, 31.03, 10.36 |
| CIE LCh | 43, 32.717, 18.470 |
| Yxy | 12.9232, 0.4295, 0.3192 |
| Android (android.graphics.Color) | 4288171861 (0xFF984F55) |
| YUV | 101.5110, -8.1399, 44.2789 |
| Hunter-Lab | 35.9489, 23.4108, 8.3868 |




Details

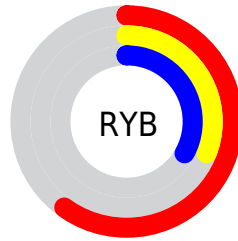
The XYZ color **17.3846, 12.9232, 10.1725** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6417, 26.1944, 31.2164**, and the grayscale version is **12.5152, 13.1669, 14.3388**.




A 20% lighter version of the original color is **38.6503, 31.2698, 26.9203**, and **5.9100, 3.7298, 2.4159** is the 20% darker color. If you saturate the color by 10%, you get **15.9102, 10.7757, 7.2109**, and if you desaturate by 10%, it is **19.2197, 15.6171, 13.7938**.

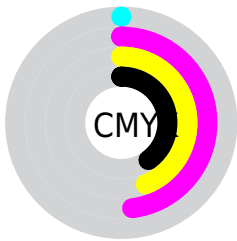
Distribution







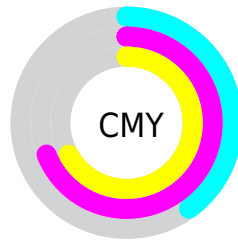
-  Red (60%)
-  Green (31%)
-  Blue (33%)






-  Red (60%)
-  Yellow (31%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (44%)
-  Black (40%)





-  Cyan (40%)
-  Magenta (69%)
-  Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3846, 12.9232, 10.1725 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 17.3846, 12.9232, 10.1725 by changing the saturation by 10% instead.


 17.3846, 12.9232,
10.1725


 17.3846, 12.9232,
10.1725


230.4924,
210.4249, 202.4282

 10.6061, 7.3757,
5.4064


 38.5242, 31.1657,
26.7323


 5.8679, 3.6981,
2.4247

 53.6160, 44.6296,
39.3631


 2.8048, 1.5062,
0.7999

 72.2097, 61.5009,
55.4525

 1.0514, 0.2931,
0.0000

 94.6704, 82.1642,
75.4192

 0.0000, 0.0000,
0.0000

 121.3638,
107.0039, 99.6815

152.6549,

136.4043, 128.6581

188.9094,
170.7498, 162.7675

■ 17.3846, 12.9232,
10.1725

■ 17.3846, 12.9232,
10.1725

■ 15.9102, 10.7757,
7.2109

■ 19.2197, 15.6171,
13.7938

■ 14.7717, 9.1355,
4.8685

■ 21.4360, 18.8892,
18.1105

■ 13.9428, 7.9612,
3.1014


■ 24.0538, 22.7711,
23.1566


■ 13.3928, 7.2044,
1.8598


■ 27.0917, 27.2917,
28.9636

■ 13.0695, 6.7758,
1.0801


■ 30.5670, 32.4779,
35.5614

 13.0183, 6.7032,
0.9713

 34.4961, 38.3551,
42.9781

 38.8945, 44.9475,
51.2402

 43.7770, 52.2779,
60.3735

 49.1578, 60.3682,
70.4023

Harmonies

Analogous

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



17.5736, 12.9232, 16.9817



17.3846, 12.9232, 10.1725



15.7242, 12.9232, 6.1230

Triad

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



17.3846, 12.9232, 10.1725



9.0476, 12.9232, 6.8192



11.3543, 12.9232, 32.1450

Complementary

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



17.3846, 12.9232, 10.1725



19.6417, 26.1944, 31.2164

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.



9.3847, 12.9232, 26.9725



17.3846, 12.9232, 10.1725



8.1777, 12.9232, 11.5138

Square

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



17.3846, 12.9232, 10.1725



10.8333, 12.9232, 4.6853



8.2922, 12.9232, 18.8569



13.8568, 12.9232, 31.4085

Rectangle

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



17.3846, 12.9232, 10.1725



14.1178, 12.9232, 4.8062



8.2922, 12.9232, 18.8569



10.6147, 12.9232, 30.9843

Sweetspot

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



17.3849, 12.9239, 10.1727



44.3803, 43.0518, 44.5584



20.3031, 13.9630, 31.3309



9.8509, 9.4340, 9.6754



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.3849, 12.9239, 10.1727



27.8328, 18.6576, 12.2189



19.8738, 18.2669, 9.8763



6.2284, 6.2305, 6.5827



10.9209, 5.6226, 0.8423



0.1681, 0.0860, 0.0378

Inverse Universe

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



17.3849, 12.9239, 10.1727



27.8328, 18.6576, 12.2189



15.8010, 17.7469, 32.2986



6.2284, 6.2305, 6.5827



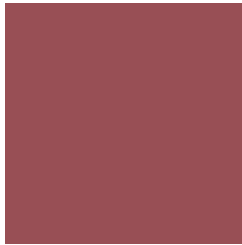
10.9209, 5.6226, 0.8423



0.1681, 0.0860, 0.0378

Previews

White Background



This preview shows how the XYZ color 17.3846, 12.9232, 10.1725 looks on a white background.

Color Contrast Check

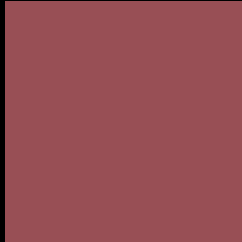
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3846, 12.9232, 10.1725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

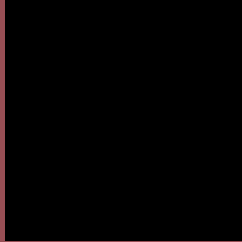
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3846, 12.9232, 10.1725

Background



This preview shows how black text looks on a background with the XYZ color 17.3846, 12.9232, 10.1725.



This preview shows how white text looks on a background with the XYZ color 17.3846, 12.9232,

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

17.3846, 12.9232, 10.1725

Protanopia

12.4739, 13.0949, 12.9365

Deuteranopia

13.2689, 13.0101, 9.7945



Tritanopia

17.3846, 12.9232, 10.1725

Trichromacy



Original Color

17.3846, 12.9232, 10.1725

Protanomaly

13.7313, 12.6664, 11.8463

Deuteranomaly

14.4234, 12.6827, 9.8714

Tritanomaly

17.3846, 12.9232, 10.1725

Monochromacy



Original Color

17.3846, 12.9232, 10.1725

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.8598, 12.8430, 12.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3846, 12.9232, 10.1725 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(152, 79, 85)` looks like.

```
.text, #text, p{  
    color:rgb(152, 79, 85)  
}
```

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(152, 79, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 79, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.3846, 12.9232, 10.1725 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(152, 79, 85) }
```


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

```
.border{ border-color:rgb(152, 79, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 79, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 79, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 79, 85);  
box-shadow:4px 4px 4px 4px rgb(152, 79,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3846, 12.9232, 10.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 79, 85) }
```

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

```
.background{ background-color: rgb(152, 79,  
85) }
```

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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