

Converting Colors

XYZ(17.4241, 13.8336, 11.2030)

Have a look what the booklet for
XYZ(17.4241, 13.8336, 11.2030)
contains.

XYZ(17.4241, 13.8336, 11.2030)	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(17.4241, 13.8336,
11.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	945759
RGB	148, 87, 89
RGB Percent	58%, 34%, 35%
CMY	0.4196, 0.6588, 0.6510
CMYK	0.00, 0.41, 0.40, 0.42
HSL	358°, 26%, 46%
HSV	358°, 41%, 58%
XYZ	17.4241, 13.8336, 11.2030
YIQ	105.4670, 35.7140, 13.5540

Conversions

Conversions Part 2

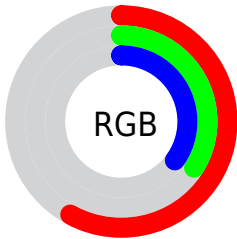
Format	Color
R_{YB}	148, 87, 89
Decimal	9721689
CIE Lab	43.99, 25.44, 9.72
CIE LCh	44, 27.237, 20.906
Yxy	13.8336, 0.4104, 0.3258
Android (android.graphics.Color)	4287911769 (0xFF945759)
YUV	105.4670, -8.1182, 37.3014
Hunter-Lab	37.1935, 18.5334, 8.1769

Details

The XYZ color **17.4241, 13.8336, 11.2030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7094, 25.2816, 31.0366**, and the grayscale version is **13.5690, 14.2757, 15.5462**.

A 20% lighter version of the original color is **38.6505, 32.8784, 28.7352**, and **5.9327, 4.1323, 2.8678** is the 20% darker color. If you saturate the color by 10%, you get **15.8026, 11.4608, 7.9795**, and if you desaturate by 10%, it is **19.4090, 16.7459, 15.1247**.

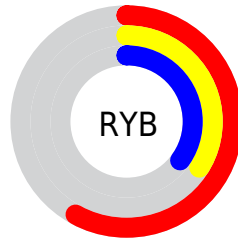
Distribution



Red (58%)

Green (34%)

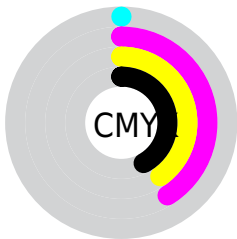
Blue (35%)



Red (58%)

Yellow (34%)

Blue (35%)

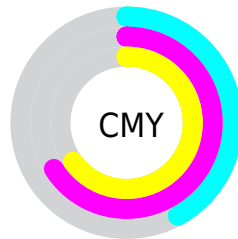


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (42%)



Cyan (42%)


Magenta (66%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4241, 13.8336, 11.2030 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 17.4241, 13.8336, 11.2030 by changing the saturation by 10% instead.


 17.4241, 13.8336,
11.2030


 17.4241, 13.8336,
11.2030


230.7135,
216.1932, 209.8422


 10.6345, 8.0050,
6.0877


 38.5914, 32.7935,
28.6773


 5.8871, 4.0982,
2.8288

 53.6997, 46.6936,
41.8734


 2.8166, 1.7286,
1.0079

 72.3117, 64.0530,
58.6001

 1.0575, 0.4421,
0.0000

 94.7927, 85.2561,
79.2759

 0.0000, 0.0000,
0.0000

 121.5080,
110.6872, 104.3196

152.8230,

140.7309, 134.1494

189.1031,
175.7714, 169.1841

■ 17.4241, 13.8336,
11.2030

■ 17.4241, 13.8336,
11.2030

■ 15.8026, 11.4608,
7.9795

■ 19.4090, 16.7459,
15.1247

■ 14.5213, 9.5925,
5.4125

■ 21.7762, 20.2258,
19.7813

■ 13.5565, 8.1927,
3.4572


■ 24.5447, 24.3019,
25.2081


■ 12.8805, 7.2200,
2.0626


■ 27.7319, 29.0003,
31.4376


■ 12.4612, 6.6256,
1.1699

■ 31.3543, 34.3455,
38.5006

 12.2392, 6.3065,
0.7113

 35.4272, 40.3609,
46.4263

 39.9655, 47.0684,
55.2425

 44.9831, 54.4891,
64.9755

 50.4937, 62.6433,
75.6509

Harmonies

Analogous

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



17.6924, 13.8336, 17.0226



17.4241, 13.8336, 11.2030



15.9463, 13.8336, 7.5863

Triad

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



17.4241, 13.8336, 11.2030



10.1803, 13.8336, 8.7360



12.5026, 13.8336, 30.1316

Complementary

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



17.4241, 13.8336, 11.2030



19.7094, 25.2816, 31.0366

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.



10.6986, 13.8336, 26.3132



17.4241, 13.8336, 11.2030



9.4578, 13.8336, 13.2589

Square

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



17.4241, 13.8336, 11.2030



11.7209, 13.8336, 6.4569



9.6365, 13.8336, 19.7198



14.6874, 13.8336, 29.1366

Rectangle

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



17.4241, 13.8336, 11.2030



14.5549, 13.8336, 6.3841



9.6365, 13.8336, 19.7198



11.8356, 13.8336, 29.3368

Sweetspot

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



17.4245, 13.8343, 11.2033



42.7731, 42.0915, 43.4313



20.6020, 15.0632, 29.8385



9.6295, 9.4103, 9.6508



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.4245, 13.8343, 11.2033



28.2029, 20.6897, 14.7176



20.1175, 19.3528, 11.6930



5.8080, 5.8183, 6.0952



10.4564, 5.3876, 0.6182



0.1295, 0.0666, 0.0156

Inverse Universe

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



17.4245, 13.8343, 11.2033



28.2029, 20.6897, 14.7176



15.9369, 17.4860, 30.5520



5.8080, 5.8183, 6.0952



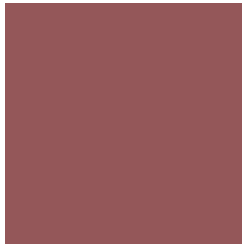
10.4564, 5.3876, 0.6182



0.1295, 0.0666, 0.0156

Previews

White Background



This preview shows how the XYZ color 17.4241, 13.8336, 11.2030 looks on a white background.

Color Contrast Check

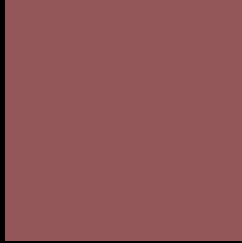
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4241, 13.8336, 11.2030 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 17.4241, 13.8336, 11.2030

Background



This preview shows how black text looks on a background with the XYZ color 17.4241, 13.8336, 11.2030.

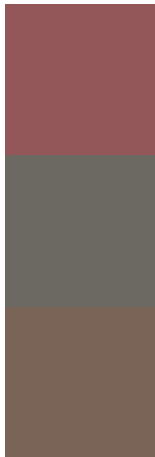


This preview shows how white text looks on a background with the XYZ color 17.4241, 13.8336,

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

17.4241, 13.8336, 11.2030

Protanopia

13.3393, 13.9706, 13.5488

Deuteranopia

14.1626, 13.8674, 10.9471



Tritanopia

17.5163, 13.7418, 12.0851

Trichromacy



Original Color

17.4241, 13.8336, 11.2030

Protanomaly

14.6016, 13.7725, 12.7153

Deuteranomaly

15.2137, 13.7143, 11.0778

Tritanomaly

17.4723, 13.7242, 11.8534

Monochromacy



Original Color

17.4241, 13.8336, 11.2030

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.5050, 13.7012, 13.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4241, 13.8336, 11.2030 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(148, 87, 89)` looks like.

```
.text, #text, p{  
    color:rgb(148, 87, 89)  
}
```

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(148, 87, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 87, 89) }
```

Border

The CSS property to change the border of an element to XYZ 17.4241, 13.8336, 11.2030 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(148, 87, 89) }
```


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

```
.border{ border-color:rgb(148, 87, 89) }
```

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

Here you see how a box with a 4 pixel rgb(148, 87, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 87, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 87, 89);  
box-shadow:4px 4px 4px 4px rgb(148, 87,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4241, 13.8336, 11.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 87, 89) }
```

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

```
.background{ background-color: rgb(148, 87,  
89) }
```

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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