

Converting Colors

XYZ(17.1767, 14.3558, 12.3093)

Have a look what the booklet for
XYZ(17.1767, 14.3558, 12.3093)
contains.

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Color

**XYZ(17.1306, 14.2842,
12.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5C5D
RGB	143, 92, 93
RGB Percent	56%, 36%, 36%
CMY	0.4392, 0.6392, 0.6353
CMYK	0.00, 0.36, 0.35, 0.44
HSL	359°, 22%, 46%
HSV	359°, 36%, 56%
XYZ	17.1306, 14.2842, 12.2102
YIQ	107.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

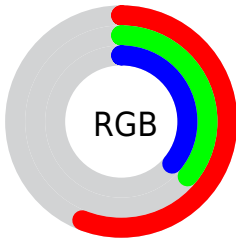
Format	Color
R_{YB}	143, 92, 93
Decimal	9395293
CIE _{Lab}	44.64, 21.06, 8.10
CIE _{LCh}	45, 22.567, 21.039
Yxy	14.2842, 0.3927, 0.3274
Android (android.graphics.Color)	4287585373 (0xFF8F5C5D)
YUV	107.3630, -7.0810, 31.2536
Hunter-Lab	37.7944, 14.7661, 7.3014

Details

The XYZ color **17.1306, 14.2842, 12.2102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.1192, 23.8735, 29.1927**, and the grayscale version is **14.0895, 14.8232, 16.1425**.

A 20% lighter version of the original color is **38.0691, 33.6339, 30.4721**, and **5.7659, 4.3062, 3.2166** is the 20% darker color. If you saturate the color by 10%, you get **15.4416, 11.8106, 8.8592**, and if you desaturate by 10%, it is **19.1680, 17.2724, 16.2394**.

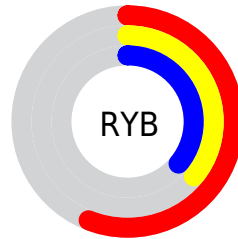
Distribution



Red (56%)

Green (36%)

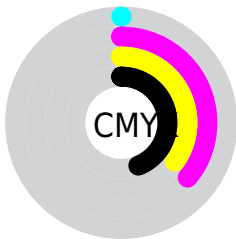
Blue (36%)



Red (56%)

Yellow (36%)

Blue (36%)

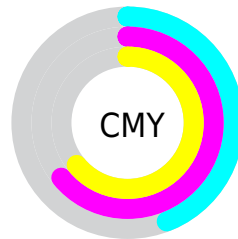


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (44%)



Cyan (44%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1306, 14.2842, 12.2102 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 17.1306, 14.2842, 12.2102 by changing the saturation by 10% instead.

■ 17.1306, 14.2842,
12.2102

■ 17.1306, 14.2842,
12.2102

229.0655,
218.9918, 216.8190

■ 10.4235, 8.3186,
6.7627

■ 38.0920, 33.5925,
30.5475

■ 5.7451, 4.2995,
3.2380

■ 53.0770, 47.7039,
44.2743

■ 2.7299, 1.8425,
1.2174

■ 71.5521, 65.2994,
61.5981

■ 1.0126, 0.5134,
0.0000

■ 93.8826, 86.7634,
82.9373

■ 0.0000, 0.0000,
0.0000

120.4338,
112.4802, 108.7104

151.5711,

142.8343, 139.3361

187.6599,
178.2100, 175.2327

■ 17.1306, 14.2842,
12.2102

■ 17.1306, 14.2842,
12.2102

■ 15.4416, 11.8106,
8.8592

■ 19.1680, 17.2724,
16.2394

■ 14.0806, 9.8207,
6.1484

■ 21.5707, 20.7997,
20.9804

■ 13.0266, 8.2834,
4.0373

■ 24.3558, 24.8917,
26.4654


■ 12.2556, 7.1632,
2.4803


■ 27.5388, 29.5716,
32.7247


■ 11.7405, 6.4194,
1.4256


■ 31.1346, 34.8613,
39.7865


 11.4437, 5.9938,
0.8087

 35.1571, 40.7816,
47.6780

 11.3430, 5.8458,
0.6108

 39.6199, 47.3524,
56.4247

 44.5355, 54.5926,
66.0515

 49.9164, 62.5204,
76.5818

Harmonies

Analogous

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



17.3552, 14.2842, 17.1751



17.1306, 14.2842, 12.2102



15.9102, 14.2842, 8.9625

Triad

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



17.1306, 14.2842, 12.2102



11.0216, 14.2842, 10.0408



13.0363, 14.2842, 27.7739

Complementary

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



17.1306, 14.2842, 12.2102



19.1192, 23.8735, 29.1927

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.



11.4833, 14.2842, 24.7726



17.1306, 14.2842, 12.2102



10.3907, 14.2842, 14.0365

Square

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



17.1306, 14.2842, 12.2102



12.3529, 14.2842, 7.9195



10.5518, 14.2842, 19.4563



14.8788, 14.2842, 26.9743

Rectangle

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



17.1306, 14.2842, 12.2102



14.7517, 14.2842, 7.8401



10.5518, 14.2842, 19.4563



12.4658, 14.2842, 27.1551

Sweetspot

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



17.1310, 14.2849, 12.2105



40.7528, 40.3677, 41.7558



19.8210, 15.3272, 27.9004



9.2111, 9.0597, 9.3107



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.1310, 14.2849, 12.2105



28.1404, 21.8634, 16.8326



19.4822, 19.0576, 12.7777



5.4129, 5.4257, 5.6723



10.0303, 5.1691, 0.5450



0.0966, 0.0497, 0.0088

Inverse Universe

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



17.1310, 14.2849, 12.2105



28.1404, 21.8634, 16.8326



15.9928, 17.5004, 28.5216



5.4129, 5.4257, 5.6723



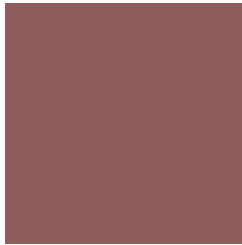
10.0303, 5.1691, 0.5450



0.0966, 0.0497, 0.0088

Previews

White Background



This preview shows how the XYZ color 17.1306, 14.2842, 12.2102 looks on a white background.

Color Contrast Check

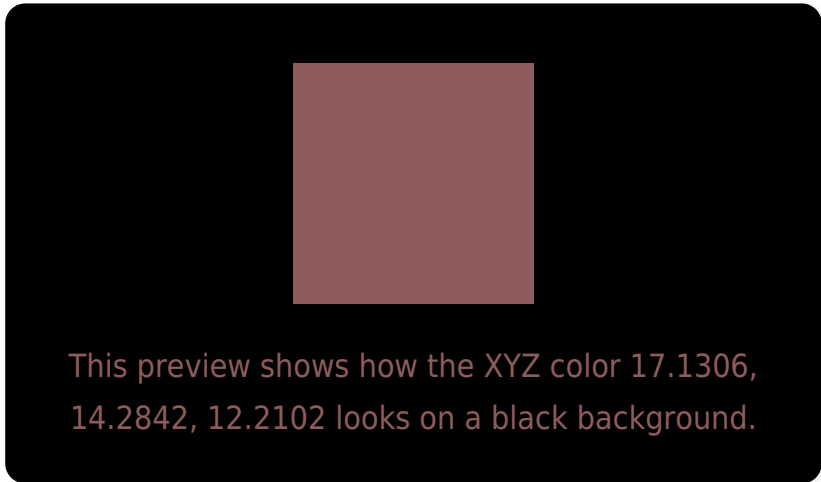
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.1306, 14.2842, 12.2102

Background



This preview shows how black text looks on a background with the XYZ color 17.1306, 14.2842, 12.2102.



This preview shows how white text looks on a background with the XYZ color 17.1306, 14.2842,

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

17.1306, 14.2842, 12.2102

Protanopia

13.7610, 14.4794, 14.1261

Deuteranopia

14.5249, 14.3230, 11.8966



Tritanopia

17.2734, 14.2037, 13.3864

Trichromacy



Original Color

17.1306, 14.2842, 12.2102

Protanomaly

14.6965, 14.2354, 13.2824

Deuteranomaly

15.3527, 14.1752, 12.0521

Tritanomaly

17.1801, 14.1663, 12.8952

Monochromacy



Original Color

17.1306, 14.2842, 12.2102

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8954, 14.4551, 14.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1306, 14.2842, 12.2102 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(143, 92, 93)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 93)  
}
```

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(143, 92, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 93) }
```

Border

The CSS property to change the border of an element to XYZ 17.1306, 14.2842, 12.2102 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(143, 92, 93) }
```


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

```
.border{ border-color:rgb(143, 92, 93) }
```

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

Here you see how a box with a 4 pixel rgb(143, 92, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 93);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1306, 14.2842, 12.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 93) }
```

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

```
.background{ background-color: rgb(143, 92,  
93) }
```

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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