

Converting Colors

XYZ(17.1832, 13.8110, 10.8237)

Have a look what the booklet for
XYZ(17.1832, 13.8110, 10.8237)
contains.

XYZ(17.2426, 13.8706, 10.7853)	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(17.2426, 13.8706,
10.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	935857
RGB	147, 88, 87
RGB Percent	58%, 35%, 34%
CMY	0.4235, 0.6549, 0.6588
CMYK	0.00, 0.40, 0.41, 0.42
HSL	1°, 26%, 46%
HSV	1°, 41%, 58%
XYZ	17.2426, 13.8706, 10.7853
YIQ	105.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

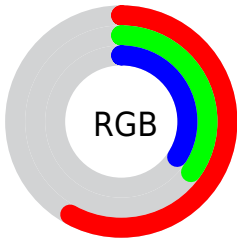
Format	Color
R_{YB}	147, 88, 87
Decimal	9656407
CIE _{Lab}	44.05, 24.22, 10.99
CIE _{LCh}	44, 26.601, 24.404
Yxy	13.8706, 0.4115, 0.3311
Android (android.graphics.Color)	4287846487 (0xFF935857)
YUV	105.5270, -9.1338, 36.3718
Hunter-Lab	37.2433, 17.4649, 8.9004

Details

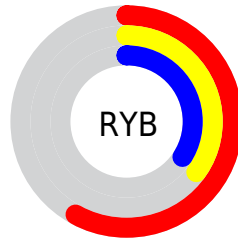
The XYZ color **17.2426, 13.8706, 10.7853** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4752, 24.6894, 31.3427**, and the grayscale version is **13.5880, 14.2957, 15.5680**.

A 20% lighter version of the original color is **38.3766, 32.9679, 28.0077**, and **5.8269, 4.1327, 2.6811** is the 20% darker color. If you saturate the color by 10%, you get **15.6310, 11.5125, 7.5807**, and if you desaturate by 10%, it is **19.2125, 16.7495, 14.7130**.

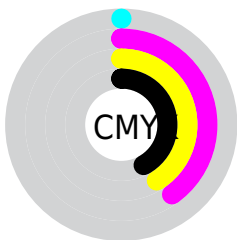
Distribution



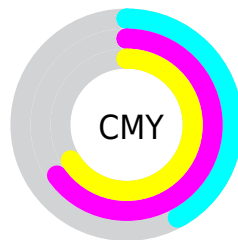
- Red (58%)
- Green (35%)
- Blue (34%)



- Red (58%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2426, 13.8706, 10.7853 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 17.2426, 13.8706, 10.7853 by changing the saturation by 10% instead.

■ 17.2426, 13.8706,
10.7853

■ 17.2426, 13.8706,
10.7853

229.6956,
216.4243, 206.8729

■ 10.5040, 8.0307,
5.8103

■ 38.2827, 32.8593,
27.8930

■ 5.7992, 4.1146,
2.6632

■ 53.3149, 46.7768,
40.8628

■ 2.7629, 1.7379,
0.9248

■ 71.8424, 64.1557,
57.3346

■ 1.0296, 0.4480,
0.0000

■ 94.2304, 85.3804,
77.7270

■ 0.0000, 0.0000,
0.0000

■ 120.8444,
110.8352, 102.4585

152.0497,

140.9045, 131.9476

188.2117,
175.9728, 166.6129

■ 17.2426, 13.8706,
10.7853

■ 17.2426, 13.8706,
10.7853

■ 15.6310, 11.5125,
7.5807

■ 19.2125, 16.7495,
14.7130

■ 14.3551, 9.6423,
5.0545

■ 21.5594, 20.1755,
19.4034

■ 13.3916, 8.2263,
3.1580


■ 24.3017, 24.1756,
24.8940


■ 12.7136, 7.2259,
1.8359


■ 27.4566, 28.7746,
31.2197


■ 12.2899, 6.5961,
1.0234

■ 31.0401, 33.9955,
38.4135

 12.0593, 6.2564,
0.5720

 35.0673, 39.8605,
46.5063

 39.5529, 46.3902,
55.5277

 44.5104, 53.6048,
65.5058

 49.9533, 61.5232,
76.4676

Harmonies

Analogous

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



17.6571, 13.8706, 16.2666



17.2426, 13.8706, 10.7853



15.6940, 13.8706, 7.4765

Triad

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



17.2426, 13.8706, 10.7853



10.1468, 13.8706, 9.2895



12.7912, 13.8706, 29.9042

Complementary

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



17.2426, 13.8706, 10.7853



19.4752, 24.6894, 31.3427

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.



10.9563, 13.8706, 26.6846



17.2426, 13.8706, 10.7853



9.5377, 13.8706, 13.9958

Square

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



17.2426, 13.8706, 10.7853



11.5744, 13.8706, 6.7884



9.8175, 13.8706, 20.4414



14.9354, 13.8706, 28.3783

Rectangle

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



17.2426, 13.8706, 10.7853



14.3069, 13.8706, 6.4358



9.8175, 13.8706, 20.4414



12.1207, 13.8706, 29.3197

Sweetspot

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



17.2430, 13.8713, 10.7856



42.7739, 42.2056, 43.0846



20.6291, 15.0948, 29.0203



9.6297, 9.4383, 9.5656



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.



17.2430, 13.8713, 10.7856



28.2034, 20.9256, 13.9937



20.2313, 19.8480, 11.7817



5.8081, 5.8300, 6.0596



10.4567, 5.4277, 0.4965



0.1295, 0.0695, 0.0066

Inverse Universe

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



19.4752, 24.6894, 31.3427



32.7635, 43.0331, 56.0140



15.4424, 16.6237, 29.9984



5.9559, 6.5458, 7.4193



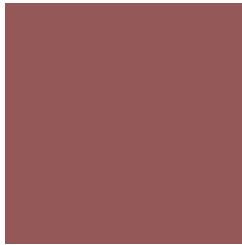
13.2852, 19.2651, 26.9494



0.1647, 0.2401, 0.3306

Previews

White Background



This preview shows how the XYZ color 17.2426, 13.8706, 10.7853 looks on a white background.

Color Contrast Check

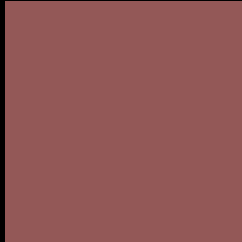
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2426, 13.8706, 10.7853 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 17.2426, 13.8706, 10.7853

Background



This preview shows how black text looks on a background with the XYZ color 17.2426, 13.8706, 10.7853.



This preview shows how white text looks on a background with the XYZ color 17.2426, 13.8706,

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

17.2426, 13.8706, 10.7853

Protanopia

13.3225, 13.9781, 12.8223

Deuteranopia

14.0820, 13.8352, 10.5226



Tritanopia

17.5967, 13.9026, 12.1119

Trichromacy



Original Color

17.2426, 13.8706, 10.7853

Protanomaly

14.4678, 13.7190, 12.0107

Deuteranomaly

15.0685, 13.7835, 10.6704

Tritanomaly

17.5093, 13.8676, 11.6514

Monochromacy



Original Color

17.2426, 13.8706, 10.7853

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.5991, 13.8895, 13.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2426, 13.8706, 10.7853 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(147, 88, 87)` looks like.

```
.text, #text, p{  
    color:rgb(147, 88, 87)  
}
```

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(147, 88, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 88, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.2426, 13.8706, 10.7853 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(147, 88, 87) }
```


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

```
.border{ border-color:rgb(147, 88, 87) }
```

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

Here you see how a box with a 4 pixel rgb(147, 88, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 88, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 88, 87);  
box-shadow:4px 4px 4px 4px rgb(147, 88,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2426, 13.8706, 10.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 88, 87) }
```

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

```
.background{ background-color: rgb(147, 88,  
87) }
```

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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