

Converting Colors

XYZ(13.2211, 10.7904, 9.3686)

Have a look what the booklet for
XYZ(13.2211, 10.7904, 9.3686)
contains.

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Color

**XYZ(13.2211, 10.7904,
9.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	804F52
RGB	128, 79, 82
RGB Percent	50%, 31%, 32%
CMY	0.4980, 0.6902, 0.6784
CMYK	0.00, 0.38, 0.36, 0.50
HSL	356°, 24%, 41%
HSV	356°, 38%, 50%
XYZ	13.2211, 10.7904, 9.3686
YIQ	93.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

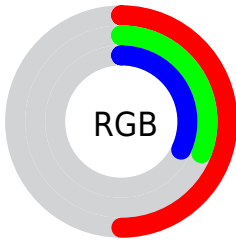
Format	Color
R_{YB}	128, 79, 82
Decimal	8408914
CIE _{Lab}	39.23, 21.03, 6.92
CIE _{LCh}	39, 22.138, 18.218
Yxy	10.7904, 0.3961, 0.3233
Android (android.graphics.Color)	4286598994 (0xFF804F52)
YUV	93.9930, -5.9125, 29.8241
Hunter-Lab	32.8487, 14.3581, 6.0844

Details

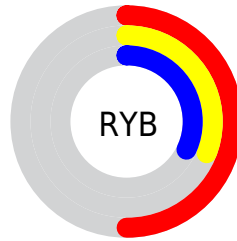
The XYZ color **13.2211, 10.7904, 9.3686** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6458, 18.5816, 22.2178**, and the grayscale version is **10.6468, 11.2013, 12.1982**.

A 20% lighter version of the original color is **31.2384, 27.2843, 25.0927**, and **3.9384, 2.7991, 2.0830** is the 20% darker color. If you saturate the color by 10%, you get **11.9672, 8.9515, 6.8887**, and if you desaturate by 10%, it is **14.7335, 13.0180, 12.3301**.

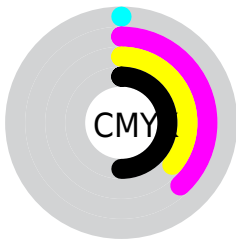
Distribution



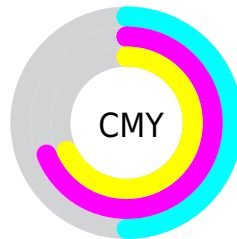
- Red (50%)
- Green (31%)
- Blue (32%)



- Red (50%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2211, 10.7904, 9.3686 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 13.2211, 10.7904, 9.3686 by changing the saturation by 10% instead.


 13.2211, 10.7904,
9.3686


 13.2211, 10.7904,
9.3686


205.9389,
196.2239, 196.4225


 7.6590, 5.9261,
4.8823


 31.2984, 27.2719,
25.1899


 3.9275, 2.8002,
2.1208

 44.5443, 39.6579,
37.3620


 1.6612, 1.0283,
0.6281

 61.0822, 55.3199,
52.9331

 0.4318, 0.0000,
0.0000

 81.2774, 74.6423,
72.3217

 0.0000, 0.0000,
0.0000

 105.4954, 98.0095,
95.9464

134.1014,

125.8059, 124.2258

167.4608,
158.4159, 157.5783

■ 13.2211, 10.7904,
9.3686

■ 13.2211, 10.7904,
9.3686

■ 11.9672, 8.9515,
6.8887

■ 14.7335, 13.0180,
12.3301

■ 10.9566, 7.4775,
4.8644

■ 16.5168, 15.6532,
15.7960

■ 10.1736, 6.3447,
3.2680

■ 18.5837, 18.7153,
19.7887

■ 9.6005, 5.5255,
2.0688

■ 20.9458, 22.2223,
24.3288

■ 9.2170, 4.9886,
1.2319

■ 23.6141, 26.1909,
29.4358

■ 8.9803, 4.6587,
0.7102

■ 26.5990, 30.6369,
35.1285

■ 8.9450, 4.6064,
0.6425

■ 29.9105, 35.5756,
41.4246

■ 33.5579, 41.0213,
48.3410

■ 37.5505, 46.9881,
55.8942

Harmonies

Analogous

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



13.3198, 10.7904, 13.5029



13.2211, 10.7904, 9.3686



12.2831, 10.7904, 6.6363

Triad

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



13.2211, 10.7904, 9.3686



8.2668, 10.7904, 7.0909



9.6827, 10.7904, 21.7355

Complementary

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



13.2211, 10.7904, 9.3686



14.6458, 18.5816, 22.2178

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.



8.4651, 10.7904, 18.9804



13.2211, 10.7904, 9.3686



7.7021, 10.7904, 10.1538

Square

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



13.2211, 10.7904, 9.3686



9.3871, 10.7904, 5.5574



7.7710, 10.7904, 14.5017



11.1768, 10.7904, 21.3786

Rectangle

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



13.2211, 10.7904, 9.3686



11.3548, 10.7904, 5.6638



7.7710, 10.7904, 14.5017



9.2304, 10.7904, 21.1199

Sweetspot

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



13.2214, 10.7909, 9.3688



31.5834, 31.2670, 32.6508



15.1112, 11.4910, 21.8437



7.2980, 7.1773, 7.4580



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.2214, 10.7909, 9.3688



21.3160, 16.1203, 12.6175



14.8933, 14.3134, 9.3757



4.3376, 4.3482, 4.5824



8.8698, 4.5676, 0.6381



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2214, 10.7909, 9.3688



21.3160, 16.1203, 12.6175



12.3546, 13.6881, 22.4130



4.3376, 4.3482, 4.5824



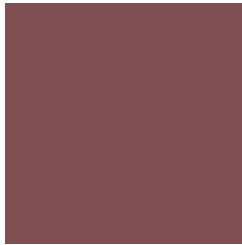
8.8698, 4.5676, 0.6381



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.2211, 10.7904, 9.3686 looks on a white background.

Color Contrast Check

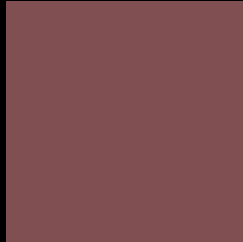
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2211, 10.7904, 9.3686 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 13.2211, 10.7904, 9.3686

Background



This preview shows how black text looks on a background with the XYZ color 13.2211, 10.7904, 9.3686.



This preview shows how white text looks on a background with the XYZ color 13.2211, 10.7904,

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

13.2211, 10.7904, 9.3686

Protanopia

10.3496, 10.8085, 10.9919

Deuteranopia

10.9642, 10.7881, 9.0939



Tritanopia

13.2983, 10.8213, 9.7753

Trichromacy



Original Color

13.2211, 10.7904, 9.3686

Protanomaly

11.1513, 10.6141, 10.2651

Deuteranomaly

11.6731, 10.6685, 9.2286

Tritanomaly

13.2594, 10.8057, 9.5705

Monochromacy



Original Color

13.2211, 10.7904, 9.3686

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.3617, 10.9471, 11.1870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2211, 10.7904, 9.3686 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(128, 79, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 79, 82)  
}
```

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(128, 79, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 79, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.2211, 10.7904, 9.3686 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(128, 79, 82) }
```


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

```
.border{ border-color:rgb(128, 79, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 79, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 79, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 79, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 79,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2211, 10.7904, 9.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 79, 82) }
```

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

```
.background{ background-color: rgb(128, 79,  
82) }
```

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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