

Converting Colors

XYZ(13.9918, 12.3840, 9.3559)

Have a look what the booklet for
XYZ(13.9918, 12.3840, 9.3559)
contains.

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Color

**XYZ(13.9597, 12.3280,
9.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	805951
RGB	128, 89, 81
RGB Percent	50%, 35%, 32%
CMY	0.4980, 0.6510, 0.6823
CMYK	0.00, 0.30, 0.37, 0.50
HSL	10°, 22%, 41%
HSV	10°, 37%, 50%
XYZ	13.9597, 12.3280, 9.4284
YIQ	99.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

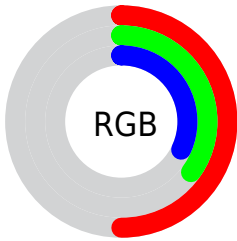
Format	Color
R_{YB}	128, 91, 81
Decimal	8411473
CIE _{Lab}	41.73, 14.96, 11.06
CIE _{LCh}	42, 18.600, 36.474
Yxy	12.3280, 0.3909, 0.3452
Android (android.graphics.Color)	4286601553 (0xFF805951)
YUV	99.7490, -9.2433, 24.7761
Hunter-Lab	35.1113, 9.5242, 8.6568

Details

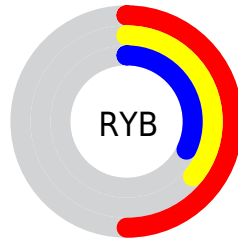
The XYZ color **13.9597, 12.3280, 9.4284** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0060, 16.7404, 22.9152**, and the grayscale version is **12.0676, 12.6961, 13.8260**.

A 20% lighter version of the original color is **32.5533, 30.0220, 25.1982**, and **4.2429, 3.4329, 2.1081** is the 20% darker color. If you saturate the color by 10%, you get **12.7033, 10.5123, 6.8606**, and if you desaturate by 10%, it is **15.4348, 14.4361, 12.5159**.

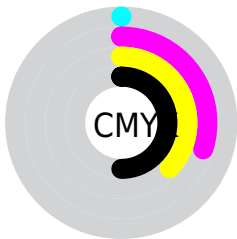
Distribution



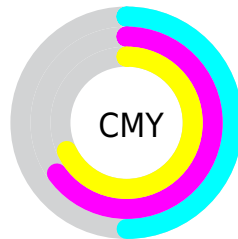
- Red (50%)
- Green (35%)
- Blue (32%)



- Red (50%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (50%)



- Cyan (50%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9597, 12.3280, 9.4284 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 13.9597, 12.3280, 9.4284 by changing the saturation by 10% instead.

■ 13.9597, 12.3280,
9.4284

■ 13.9597, 12.3280,
9.4284

210.4956,
206.5648, 196.8766

■ 8.1742, 6.9675,
4.9210

■ 32.6044, 30.0911,
25.3055

■ 4.2593, 3.4418,
2.1431

■ 46.1942, 43.2625,
37.5123

■ 1.8499, 1.3665,
0.6412

■ 63.1162, 59.8062,
53.1226

■ 0.5474, 0.1918,
0.0000

■ 83.7356, 80.1068,
72.5550

■ 0.0000, 0.0000,
0.0000

■ 108.4180,
104.5485, 96.2281

137.5285,

133.5158, 124.5604

171.4326,
167.3931, 157.9704

■ 13.9597, 12.3280,
9.4284

■ 13.9597, 12.3280,
9.4284

■ 12.7033, 10.5123,
6.8606

■ 15.4348, 14.4361,
12.5159

■ 11.6541, 8.9744,
4.7830

■ 17.1374, 16.8471,
16.1487

■ 10.8010, 7.7009,
3.1644

■ 19.0771, 19.5728,
20.3518

■ 10.1314, 6.6768,
1.9698

■ 21.2625, 22.6241,
25.1482

■ 9.6312, 5.8854,
1.1587

■ 23.7019, 26.0113,
30.5600

■ 9.2788, 5.3057,
0.6557

■ 26.4032, 29.7443,
36.6077

■ 9.1851, 5.1552,
0.5109

■ 29.3739, 33.8324,
43.3112

■ 32.6212, 38.2849,
50.6894

■ 36.1521, 43.1103,
58.7605

Harmonies

Analogous

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



14.5268, 12.3280, 12.5924



13.9597, 12.3280, 9.4284



12.7978, 12.3280, 7.6383

Triad

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



13.9597, 12.3280, 9.4284



9.4697, 12.3280, 10.6380



12.0162, 12.3280, 22.3740

Complementary

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



13.9597, 12.3280, 9.4284



14.0060, 16.7404, 22.9152

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.



10.6996, 12.3280, 21.5720



13.9597, 12.3280, 9.4284



9.2958, 12.3280, 14.2896

Square

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



13.9597, 12.3280, 9.4284



10.2239, 12.3280, 8.2359



9.7291, 12.3280, 18.4116



13.3497, 12.3280, 20.4287

Rectangle

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



13.9597, 12.3280, 9.4284



11.8797, 12.3280, 7.2263



9.7291, 12.3280, 18.4116



11.5566, 12.3280, 22.4215

Sweetspot

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



13.9600, 12.3286, 9.4286



31.9865, 32.2145, 32.3493



15.2450, 11.8344, 19.3033



7.4002, 7.4177, 7.3817



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.



13.9600, 12.3286, 9.4286



22.7171, 19.0186, 12.7878



16.2185, 16.8455, 10.1815



4.3824, 4.4535, 4.5488



9.1084, 5.1132, 0.5069



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0060, 16.7404, 22.9152



22.8018, 27.9534, 40.1500



11.5338, 11.7959, 22.0912



4.3861, 4.7662, 5.5021



8.9960, 11.8106, 22.0555



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9597, 12.3280, 9.4284 looks on a white background.

Color Contrast Check

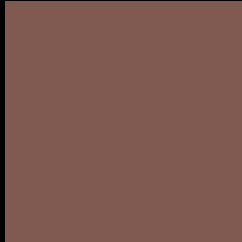
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9597, 12.3280, 9.4284 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 13.9597, 12.3280, 9.4284

Background



This preview shows how black text looks on a background with the XYZ color 13.9597, 12.3280, 9.4284.



This preview shows how white text looks on a background with the XYZ color 13.9597, 12.3280,

9.4284.

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

13.9597, 12.3280, 9.4284

Protanopia

11.7563, 12.3503, 10.5683

Deuteranopia

12.6104, 12.4084, 9.3198



Tritanopia

14.4818, 12.2917, 12.1989

Trichromacy



Original Color

13.9597, 12.3280, 9.4284

Protanomaly

12.5025, 12.3352, 10.1095

Deuteranomaly

13.1080, 12.4010, 9.2922

Tritanomaly

14.3462, 12.3678, 11.0823

Monochromacy



Original Color

13.9597, 12.3280, 9.4284

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5891, 12.4711, 12.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9597, 12.3280, 9.4284 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, 89, 81)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 81)  
}
```

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, 89, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 81) }
```

Border

The CSS property to change the border of an element to XYZ 13.9597, 12.3280, 9.4284 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, 89, 81) }
```


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

```
.border{ border-color:rgb(128, 89, 81) }
```

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

Here you see how a box with a 4 pixel rgb(128, 89, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 81);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9597, 12.3280, 9.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 89, 81) }
```

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

```
.background{ background-color: rgb(128, 89,  
81) }
```

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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