

Converting Colors

XYZ(14.3963, 12.5274, 12.0139)

Have a look what the booklet for
XYZ(14.3963, 12.5274, 12.0139)
contains.

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Color

**XYZ(14.4502, 12.5243,
12.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	80595D
RGB	128, 89, 93
RGB Percent	50%, 35%, 36%
CMY	0.4980, 0.6510, 0.6353
CMYK	0.00, 0.30, 0.27, 0.50
HSL	354°, 18%, 43%
HSV	354°, 30%, 50%
XYZ	14.4502, 12.5243, 12.0117
YIQ	101.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

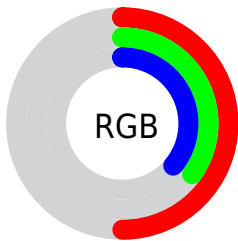
Format	Color
R_{YB}	128, 89, 93
Decimal	8411485
CIE _{Lab}	42.04, 16.70, 4.14
CIE _{LCh}	42, 17.204, 13.939
Yxy	12.5243, 0.3706, 0.3212
Android (android.graphics.Color)	4286601565 (0xFF80595D)
YUV	101.1170, -4.0017, 23.5764
Hunter-Lab	35.3897, 10.9526, 4.6490

Details

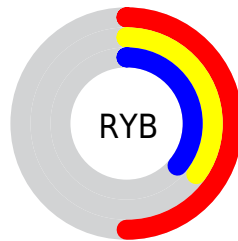
The XYZ color **14.4502, 12.5243, 12.0117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4776, 19.0176, 21.9248**, and the grayscale version is **12.4062, 13.0523, 14.2140**.

A 20% lighter version of the original color is **33.4819, 30.3935, 30.0884**, and **4.5189, 3.5527, 3.1369** is the 20% darker color. If you saturate the color by 10%, you get **13.0050, 10.3880, 9.2053**, and if you desaturate by 10%, it is **16.1577, 15.0628, 15.2830**.

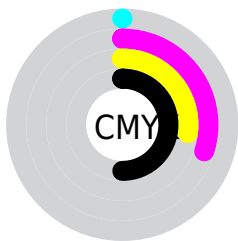
Distribution



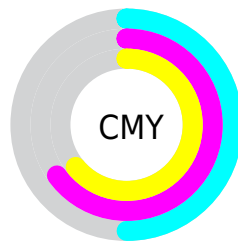
- Red (50%)
- Green (35%)
- Blue (36%)



- Red (50%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (50%)



- Cyan (50%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4502, 12.5243, 12.0117 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 14.4502, 12.5243, 12.0117 by changing the saturation by 10% instead.

■ 14.4502, 12.5243,
12.0117

■ 14.4502, 12.5243,
12.0117

213.4689,
207.8461, 215.4634

■ 8.5182, 7.1018,
6.6290

■ 33.4654, 30.4465,
30.1811

■ 4.4829, 3.5259,
3.1563

■ 47.2793, 43.7150,
43.8049

■ 1.9788, 1.4120,
1.1750

■ 64.4512, 60.3675,
61.0129

■ 0.6220, 0.2256,
0.0000

■ 85.3466, 80.7886,
82.2235

■ 0.0000, 0.0000,
0.0000

■ 110.3306,
105.3627, 107.8553

139.7688,

134.4740, 138.3269

174.0264,
168.5070, 174.0567

■ 14.4502, 12.5243,
12.0117

■ 14.4502, 12.5243,
12.0117

■ 13.0050, 10.3880,
9.2053

■ 16.1577, 15.0628,
15.2830

■ 11.8083, 8.6316,
6.8421

■ 18.1387, 18.0209,
19.0383

■ 10.8461, 7.2333,
4.8994

■ 20.4048, 21.4169,
23.2963

■ 10.1030, 6.1685,
3.3526

■ 22.9667, 25.2676,
28.0747

■ 9.5615, 5.4093,
2.1742

■ 25.8345, 29.5891,
33.3904

■ 9.2016, 4.9233,
1.3334

■ 29.0179, 34.3964,
39.2592

■ 8.9755, 4.6185,
0.8032

■ 32.5261, 39.7040,
45.6965

■ 36.3680, 45.5258,
52.7172

■ 40.5520, 51.8752,
60.3353

Harmonies

Analogous

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



14.4234, 12.5243, 15.6767



14.4502, 12.5243, 12.0117



13.7614, 12.5243, 9.3154

Triad

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



14.4502, 12.5243, 12.0117



10.2798, 12.5243, 9.1733



11.2374, 12.5243, 21.5741

Complementary

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



14.4502, 12.5243, 12.0117



15.4776, 19.0176, 21.9248

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.



10.2217, 12.5243, 19.1228



14.4502, 12.5243, 12.0117



9.6964, 12.5243, 11.7820

Square

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



14.4502, 12.5243, 12.0117



11.3221, 12.5243, 7.8861



9.6759, 12.5243, 15.4023



12.5054, 12.5243, 21.6657

Rectangle

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



14.4502, 12.5243, 12.0117



13.0158, 12.5243, 8.2440



9.6759, 12.5243, 15.4023



10.8573, 12.5243, 20.9814

Sweetspot

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



14.4505, 12.5249, 12.0120



32.4103, 32.4382, 34.4142



15.7019, 12.9481, 22.0936



7.4775, 7.4291, 7.8486



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.



14.4505, 12.5249, 12.0120



23.5197, 19.2072, 17.4225



15.6509, 15.2015, 11.5613



4.3443, 4.3509, 4.6176



8.9001, 4.5797, 0.7979



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4505, 12.5249, 12.0120



23.5197, 19.2072, 17.4225



13.9273, 15.5042, 22.6805



4.3443, 4.3509, 4.6176



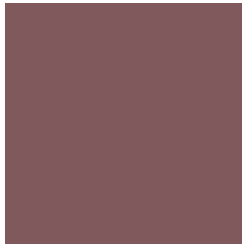
8.9001, 4.5797, 0.7979



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4502, 12.5243, 12.0117 looks on a white background.

Color Contrast Check

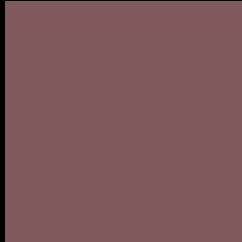
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4502, 12.5243, 12.0117 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 14.4502, 12.5243, 12.0117

Background



This preview shows how black text looks on a background with the XYZ color 14.4502, 12.5243, 12.0117.



This preview shows how white text looks on a background with the XYZ color 14.4502, 12.5243,

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

14.4502, 12.5243, 12.0117

Protanopia

12.0808, 12.5912, 13.5980

Deuteranopia

12.7967, 12.5832, 11.8796



Tritanopia

14.5400, 12.5602, 12.4845

Trichromacy



Original Color

14.4502, 12.5243, 12.0117

Protanomaly

12.8054, 12.4270, 13.0330

Deuteranomaly

13.3173, 12.4530, 11.8270

Tritanomaly

14.4948, 12.5421, 12.2466

Monochromacy



Original Color

14.4502, 12.5243, 12.0117

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0348, 12.8107, 13.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4502, 12.5243, 12.0117 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 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(128, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.4502, 12.5243, 12.0117 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, 93) }
```


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

```
.border{ border-color:rgb(128, 89, 93) }
```

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, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4502, 12.5243, 12.0117 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, 93) }
```

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

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