

Converting Colors

XYZ(14.5983, 12.7800, 12.5504)

Have a look what the booklet for
XYZ(14.5983, 12.7800, 12.5504)
contains.

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Color

**XYZ(14.7087, 12.8976,
12.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	805B5F
RGB	128, 91, 95
RGB Percent	50%, 36%, 37%
CMY	0.4980, 0.6431, 0.6274
CMYK	0.00, 0.29, 0.26, 0.50
HSL	354°, 17%, 43%
HSV	354°, 29%, 50%
XYZ	14.7087, 12.8976, 12.5407
YIQ	102.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

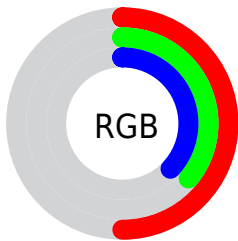
Format	Color
R_{YB}	128, 91, 95
Decimal	8411999
CIE _{Lab}	42.61, 15.82, 3.74
CIE _{LCh}	43, 16.254, 13.305
Yxy	12.8976, 0.3664, 0.3213
Android (android.graphics.Color)	4286602079 (0xFF805B5F)
YUV	102.5190, -3.7069, 22.3468
Hunter-Lab	35.9132, 10.2587, 4.4355

Details

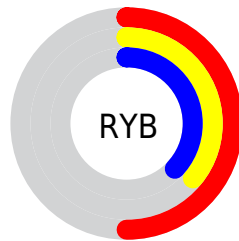
The XYZ color **14.7087, 12.8976, 12.5407** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6722, 19.1180, 21.9339**, and the grayscale version is **12.7712, 13.4363, 14.6322**.

A 20% lighter version of the original color is **33.9271, 31.0392, 30.9911**, and **4.6346, 3.7182, 3.3791** is the 20% darker color. If you saturate the color by 10%, you get **13.2249, 10.7005, 9.6706**, and if you desaturate by 10%, it is **16.4559, 15.4996, 15.8742**.

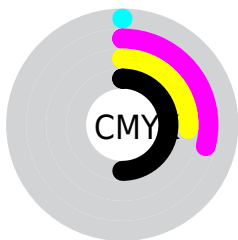
Distribution



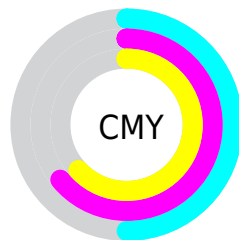
- Red (50%)
- Green (36%)
- Blue (37%)



- Red (50%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (50%)





- Cyan (50%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7087, 12.8976, 12.5407 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 14.7087, 12.8976, 12.5407 by changing the saturation by 10% instead.


 14.7087, 12.8976,
12.5407


 14.7087, 12.8976,
12.5407


215.0197,
210.2604, 219.0562

 8.7002, 7.3581,
6.9861


 33.9172, 31.1197,
31.1551


 4.6017, 3.6870,
3.3751

 47.8479, 44.5711,
45.0520


 2.0478, 1.5001,
1.2892

 65.1500, 61.4285,
62.5666

 0.6606, 0.2888,
0.0529

 86.1890, 82.0764,
84.1177

 0.0000, 0.0000,
0.0000

 111.3301,
106.8991, 110.1236

140.9386,

136.2811, 141.0030

175.3801,
170.6067, 177.1743

■ 14.7087, 12.8976,
12.5407

■ 14.7087, 12.8976,
12.5407

■ 13.2249, 10.7005,
9.6706

■ 16.4559, 15.4996,
15.8742

■ 11.9908, 8.8863,
7.2426

■ 18.4775, 18.5237,
19.6897

■ 10.9927, 7.4336,
5.2350

■ 20.7848, 21.9879,
24.0054

■ 10.2157, 6.3181,
3.6237

■ 23.3885, 25.9091,
28.8386

■ 9.6426, 5.5126,
2.3824

■ 26.2986, 30.3029,
34.2057

■ 9.2539, 4.9856,
1.4813

■ 29.5245, 35.1844,
40.1223

■ 9.0041, 4.6544,
0.8788

■ 33.0755, 40.5679,
46.6035

■ 8.9802, 4.6204,
0.8279

■ 36.9602, 46.4673,
53.6637

■ 41.1872, 52.8957,
61.3169

Harmonies

Analogous

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



14.6678, 12.8976, 16.0814



14.7087, 12.8976, 12.5407



14.0626, 12.8976, 9.8892

Triad

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



14.7087, 12.8976, 12.5407



10.7064, 12.8976, 9.6665



11.5915, 12.8976, 21.5859

Complementary

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



14.7087, 12.8976, 12.5407



15.6722, 19.1180, 21.9339

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.



10.6162, 12.8976, 19.2230



14.7087, 12.8976, 12.5407



10.1291, 12.8976, 12.1851

Square

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



14.7087, 12.8976, 12.5407



11.7222, 12.8976, 8.4269



10.0972, 12.8976, 15.6614



12.8115, 12.8976, 21.7243

Rectangle

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



14.7087, 12.8976, 12.5407



13.3528, 12.8976, 8.8173



10.0972, 12.8976, 15.6614



11.2262, 12.8976, 21.0095

Sweetspot

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



14.7091, 12.8982, 12.5410



32.4171, 32.4409, 34.4500



15.9042, 13.3028, 22.1515



7.4793, 7.4298, 7.8580



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.



14.7091, 12.8982, 12.5410



24.0460, 19.9649, 18.5073



15.8611, 15.4856, 12.0514



4.3452, 4.3512, 4.6224



8.9048, 4.5816, 0.8225



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7091, 12.8982, 12.5410



24.0460, 19.9649, 18.5073



14.2078, 15.7764, 22.7184



4.3452, 4.3512, 4.6224



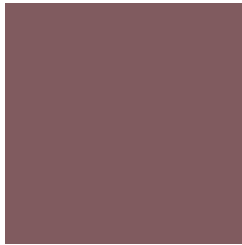
8.9048, 4.5816, 0.8225



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7087, 12.8976, 12.5407 looks on a white background.

Color Contrast Check

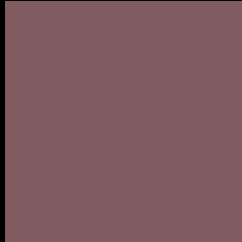
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7087, 12.8976, 12.5407 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 14.7087, 12.8976, 12.5407

Background



This preview shows how black text looks on a background with the XYZ color 14.7087, 12.8976, 12.5407.



This preview shows how white text looks on a background with the XYZ color 14.7087, 12.8976,

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

14.7087, 12.8976, 12.5407

Protanopia

12.4509, 12.9180, 13.8938

Deuteranopia

13.1051, 12.8683, 12.3828



Tritanopia

14.8478, 12.9532, 13.2729

Trichromacy



Original Color

14.7087, 12.8976, 12.5407

Protanomaly

13.1614, 12.8760, 13.3469

Deuteranomaly

13.5838, 12.8441, 12.3529

Tritanomaly

14.8008, 12.9344, 13.0258

Monochromacy



Original Color

14.7087, 12.8976, 12.5407

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.4442, 13.2885, 13.9129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7087, 12.8976, 12.5407 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, 91, 95)` looks like.

```
.text, #text, p{  
    color:rgb(128, 91, 95)  
}
```

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, 91, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 91, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.7087, 12.8976, 12.5407 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, 91, 95) }
```


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

```
.border{ border-color:rgb(128, 91, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 91, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 91, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 91, 95);  
box-shadow:4px 4px 4px 4px rgb(128, 91,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7087, 12.8976, 12.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 91, 95) }
```

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

```
.background{ background-color: rgb(128, 91,  
95) }
```

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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