Converting Colors

XYZ(15.9038, 14.4491, 12.5404)

Have a look what the booklet for XYZ(15.9038, 14.4491, 12.5404) contains.

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Color

XYZ(15.9038, 14.4491, 12.5404)

Conversions

Format	Color
Hex	84625E
RGB	132, 98, 94
RGB Percent	52%, 38%, 37%
CMY	0.4824, 0.6157, 0.6314
CMYK	0.00, 0.26, 0.29, 0.48
HSL	6°, 17%, 44%
HSV	6°, 29%, 52%
XYZ	15.9038, 14.4491, 12.5404
YIQ	107.7100, 21.5480, 5.9640

Conversions Part 1

Conversions

Conversions Part 2

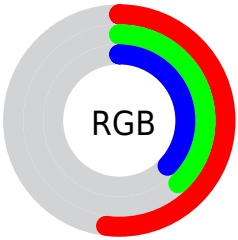
Format	Color
RYB	132, 98, 94
Decimal	8675934
CIELab	44.87, 13.15, 7.64
CIELCh	45, 15.210, 30.157
Yxy	14.4491, 0.3708, 0.3369
Android (android.graphics.Color)	4286866014 (0xFF84625E)
YUV	107.7100, -6.7590, 21.3023
Hunter-Lab	38.0120, 8.1615, 7.0482

Details

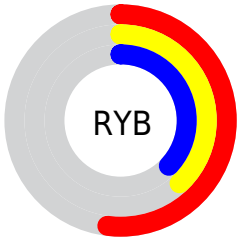
The XYZ color 15.9038, 14.4491, 12.5404 is a dark color, and the websafe version is hex 996666. A complement of this color would be 16.4998, 19.4833, 24.7209, and the grayscale version is 14.1871, 14.9260, 16.2544.

A 20% lighter version of the original color is 36.0312, 33.9476, 31.0391, and 5.1107, 4.3304, 3.3628 is the 20% darker color. If you saturate the color by 10%, you get 14.3368, 12.1833, 9.3414, and if you desaturate by 10%, it is 17.7360, 17.0829, 16.3279.

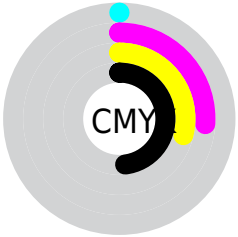
Distribution



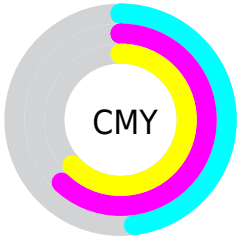
- Red (52%)
- Green (38%)
- Blue (37%)



- Red (52%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9038, 14.4491, 12.5404 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 15.9038, 14.4491, 12.5404 by changing the saturation by 10% instead.

15.9038, 14.4491, 12.5404

15.9038, 14.4491, 12.5404

222.0550, 220.0071, 219.0542

9.5465, 8.4337, 6.9859

35.9899, 33.8838, 31.1546

5.1593, 4.3737, 3.3749

50.4495, 48.0719, 45.0513

2.3767, 1.8847, 1.2891

68.3405, 65.7529, 62.5658

0.8335, 0.5392, 0.0529

90.0283, 87.3114, 84.1166

0.0000, 0.0000, 0.0000

115.8783, 113.1316, 110.1223

146.2559,

143.5981, 141.0015

181.5263, 179.0951, 177.1726

15.9038, 14.4491, 12.5404

15.9038, 14.4491, 12.5404

14.3368, 12.1833, 9.3414

17.7360, 17.0829, 16.3279

13.0215, 10.2671, 6.7006

19.8436, 20.0979, 20.7305

11.9451, 8.6838, 4.5861

22.2378, 23.5093, 25.7742

11.0931, 7.4143, 2.9627

24.9289, 27.3306, 31.4833

10.4494, 6.4376, 1.7905

27.9266, 31.5749, 37.8807

9.9959, 5.7301, 1.0237

9.7001, 5.2603, 0.5501

9.6715, 5.2171, 0.4973

31.2401, 36.2545, 44.9884

34.8782, 41.3815, 52.8273

38.8496, 46.9672, 61.4173

43.1623, 53.0228, 70.7779

Harmonies

Analogous

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

16.2629, 14.4491, 15.7138

15.9038, 14.4491, 12.5404

14.9566, 14.4491, 10.5141

Triad

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

15.9038, 14.4491, 12.5404

11.7642, 14.4491, 12.5684

13.7400, 14.4491, 23.6120

Complementary

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

15.9038, 14.4491, 12.5404

16.4998, 19.4833, 24.7209

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.

12.5789, 14.4491, 22.4428

15.9038, 14.4491, 12.5404

11.4808, 14.4491, 15.7514

Square

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

15.9038, 14.4491, 12.5404

12.5682, 14.4491, 10.5284

11.7701, 14.4491, 19.4252

14.9686, 14.4491, 22.4191

Rectangle

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

15.9038, 14.4491, 12.5404

14.1458, 14.4491, 9.9097

11.7701, 14.4491, 19.4252

13.3292, 14.4491, 23.4803

Sweetspot

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

15.9042, 14.4498, 12.5407

34.7909, 35.1691, 36.1739

17.4280, 14.4749, 22.3666

7.9842, 8.0226, 8.1791

64.0503, 67.3860, 73.3833

8.9945, 9.4630, 10.3052

Same Dimension

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

15.9042, 14.4498, 12.5407

26.0364, 22.5947, 18.0430

17.8742, 18.3898, 13.1974

4.7092, 4.7619, 4.9003

9.3666, 5.0558, 0.4822

0.0348, 0.0223, 0.0025

Inverse Universe

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

16.4998, 19.4833, 24.7209

27.2728, 33.0659, 43.3981

14.2711, 15.0258, 23.9779

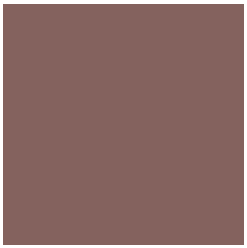
4.7609, 5.1973, 5.9530

10.3184, 14.1847, 23.3308

0.0387, 0.0551, 0.0818

Previews

White Background

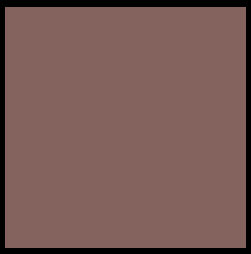


This preview shows how the XYZ color 15.9038, 14.4491, 12.5404 looks on a white background.

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



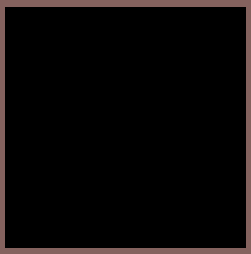
This preview shows how the XYZ color 15.9038, 14.4491, 12.5404 looks on a black background.

Color Contrast Check

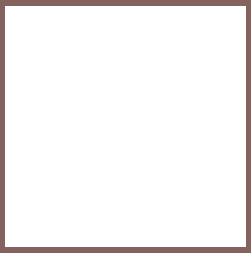
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 15.9038, 14.4491, 12.5404 Background



This preview shows how black text looks on a background with the XYZ color 15.9038, 14.4491, 12.5404.



This preview shows how white text looks on a background with the XYZ color 15.9038, 14.4491,

12.5404.

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
15.9038, 14.4491, 12.5404

Protanopia
13.7890, 14.5049, 13.6282

Deuteranopia
14.6123, 14.3580, 12.3571

Tritanopia
16.4463, 14.5354, 15.0355

Trichromacy

Original Color
15.9038, 14.4491, 12.5404

Protanomaly
14.4791, 14.4151, 13.3285

Deuteranomaly
15.0869, 14.4576, 12.3514

Tritanomaly
16.2478, 14.4560, 13.9905

Monochromacy

Original Color
15.9038, 14.4491, 12.5404

Achromatopsia
14.2537, 14.9960, 16.3306

Achromatomaly
14.7346, 14.6618, 14.8854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9038, 14.4491, 12.5404 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(132, 98, 94) looks like.

```
.text, #text, p{
    color:rgb(132, 98, 94)
}
```

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(132, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 98, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.9038, 14.4491, 12.5404 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(132, 98, 94) }
```

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

```
.border{ border-color:rgb(132, 98, 94) }
```

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

Here you see how a box with a 4 pixel rgb(132, 98, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 98, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 98, 94); box-shadow:4px 4px 4px 4px rgb(132, 98, 94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9038, 14.4491, 12.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(132, 98, 94) }
```

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

```
.background{ background-color:rgb(132, 98,
94) }
```

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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