

Converting Colors

XYZ(14.7886, 13.3051, 12.5143)

Have a look what the booklet for
XYZ(14.7886, 13.3051, 12.5143)
contains.

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Color

**XYZ(14.8207, 13.3437,
12.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5E5F
RGB	127, 94, 95
RGB Percent	50%, 37%, 37%
CMY	0.5020, 0.6314, 0.6274
CMYK	0.00, 0.26, 0.25, 0.50
HSL	358°, 15%, 43%
HSV	358°, 26%, 50%
XYZ	14.8207, 13.3437, 12.6209
YIQ	103.9810, 19.3470, 7.3070

Conversions

Conversions Part 2

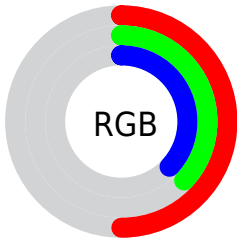
Format	Color
R_{YB}	127, 94, 95
Decimal	8347231
CIE _{Lab}	43.28, 13.62, 4.69
CIE _{LCh}	43, 14.401, 18.987
Yxy	13.3437, 0.3634, 0.3272
Android (android.graphics.Color)	4286537311 (0xFF7F5E5F)
YUV	103.9810, -4.4276, 20.1877
Hunter-Lab	36.5290, 8.4959, 5.0854

Details

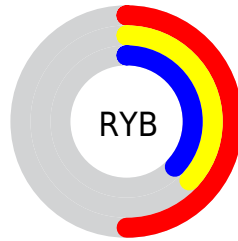
The XYZ color **14.8207, 13.3437, 12.6209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9720, 19.0652, 22.5779**, and the grayscale version is **13.1612, 13.8466, 15.0790**.

A 20% lighter version of the original color is **34.0586, 31.9984, 31.1693**, and **4.6719, 3.9134, 3.4149** is the 20% darker color. If you saturate the color by 10%, you get **13.2667, 11.0618, 9.5558**, and if you desaturate by 10%, it is **16.6498, 16.0340, 16.2148**.

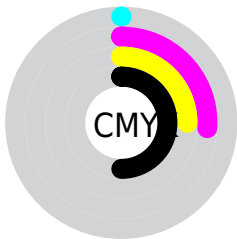
Distribution



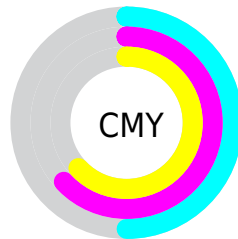
- Red (50%)
- Green (37%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (25%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8207, 13.3437, 12.6209 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 14.8207, 13.3437, 12.6209 by changing the saturation by 10% instead.

■ 14.8207, 13.3437,
12.6209

■ 14.8207, 13.3437,
12.6209

215.6884,
213.1088, 219.5954

■ 8.7791, 7.6656,
7.0404

■ 34.1126, 31.9199,
31.3021

■ 4.6534, 3.8818,
3.4085

■ 48.0936, 45.5868,
45.2400

■ 2.0780, 1.6076,
1.3068

■ 65.4518, 62.6855,
62.8006

■ 0.6772, 0.3627,
0.0674

■ 86.5526, 83.6003,
84.4026

■ 0.0000, 0.0000,
0.0000

111.7613,
108.7156, 110.4646

141.4432,

138.4159, 141.4050

175.9638,
173.0855, 177.6424

■ 14.8207, 13.3437,
12.6209

■ 14.8207, 13.3437,
12.6209

■ 13.2667, 11.0618,
9.5558

■ 16.6498, 16.0340,
16.2148

■ 11.9734, 9.1665,
6.9937

■ 18.7654, 19.1492,
20.3599

■ 10.9270, 7.6371,
4.9081

■ 21.1792, 22.7073,
25.0783

■ 10.1117, 6.4498,
3.2695

■ 23.9023, 26.7247,
30.3907

■ 9.5100, 5.5785,
2.0453

■ 26.9450, 31.2169,
36.3168

■ 9.1019, 4.9928,
1.1985

■ 30.3173, 36.1987,
42.8752

■ 8.8560, 4.6421,
0.6816

■ 34.0286, 41.6844,
50.0839

■ 8.7735, 4.5205,
0.5203

■ 38.0881, 47.6874,
57.9602

■ 42.5045, 54.2209,
66.5206

Harmonies

Analogous

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



14.9065, 13.3437, 15.7342



14.8207, 13.3437, 12.6209



14.1428, 13.3437, 10.3698

Triad

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



14.8207, 13.3437, 12.6209



11.1324, 13.3437, 10.8597



12.2775, 13.3437, 21.4302

Complementary

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



14.8207, 13.3437, 12.6209



15.9720, 19.0652, 22.5779

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.



11.3269, 13.3437, 19.6738



14.8207, 13.3437, 12.6209



10.6920, 13.3437, 13.3870

Square

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



14.8207, 13.3437, 12.6209



11.9977, 13.3437, 9.4607



10.7610, 13.3437, 16.6204



13.3934, 13.3437, 21.1450

Rectangle

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



14.8207, 13.3437, 12.6209



13.4674, 13.3437, 9.5166



10.7610, 13.3437, 16.6204



11.9292, 13.3437, 21.0498

Sweetspot

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



14.8211, 13.3443, 12.6212



32.7222, 32.9922, 34.7332



16.4233, 13.9664, 21.9090



7.5400, 7.5458, 7.8946



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.



14.8211, 13.3443, 12.6212



24.8801, 21.4568, 19.3289



16.2846, 16.3435, 12.8868



4.3326, 4.3462, 4.5561



8.8482, 4.5590, 0.5243



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8211, 13.3443, 12.6212



24.8801, 21.4568, 19.3289



14.1976, 15.4129, 22.3055



4.3326, 4.3462, 4.5561



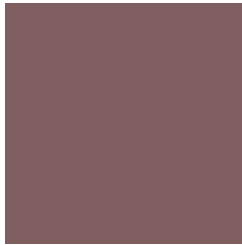
8.8482, 4.5590, 0.5243



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8207, 13.3437, 12.6209 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 14.8207, 13.3437, 12.6209 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 14.8207, 13.3437, 12.6209

Background



This preview shows how black text looks on a background with the XYZ color 14.8207, 13.3437, 12.6209.



This preview shows how white text looks on a background with the XYZ color 14.8207, 13.3437,

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

14.8207, 13.3437, 12.6209

Protanopia

12.8292, 13.4069, 13.7160

Deuteranopia

13.5525, 13.3767, 12.4573



Tritanopia

15.1167, 13.3380, 13.8343

Trichromacy



Original Color

14.8207, 13.3437, 12.6209

Protanomaly

13.4765, 13.3162, 13.4153

Deuteranomaly

13.9028, 13.2795, 12.4201

Tritanomaly

15.0210, 13.2997, 13.3307

Monochromacy



Original Color

14.8207, 13.3437, 12.6209

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5882, 13.4987, 14.2012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8207, 13.3437, 12.6209 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(127, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 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(127, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.8207, 13.3437, 12.6209 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(127, 94, 95) }
```


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

```
.border{ border-color:rgb(127, 94, 95) }
```

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

Here you see how a box with a 4 pixel rgb(127, 94, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8207, 13.3437, 12.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 94, 95) }
```

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

```
.background{ background-color: rgb(127, 94,  
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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