

Converting Colors

XYZ(14.7701, 13.3598, 11.8797)

Have a look what the booklet for
XYZ(14.7701, 13.3598, 11.8797)
contains.

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Color

**XYZ(14.6869, 13.2901,
11.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5E5C
RGB	127, 94, 92
RGB Percent	50%, 37%, 36%
CMY	0.5020, 0.6314, 0.6392
CMYK	0.00, 0.26, 0.28, 0.50
HSL	3°, 16%, 43%
HSV	3°, 28%, 50%
XYZ	14.6869, 13.2901, 11.9164
YIQ	103.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

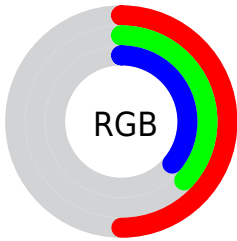
Format	Color
RYB	127, 94, 92
Decimal	8347228
CIELab	43.20, 13.15, 6.40
CIELCh	43, 14.622, 25.948
Yxy	13.2901, 0.3682, 0.3331
Android (android.graphics.Color)	4286537308 (0xFF7F5E5C)
YUV	103.6390, -5.7380, 20.4876
Hunter-Lab	36.4556, 8.1152, 6.1385

Details

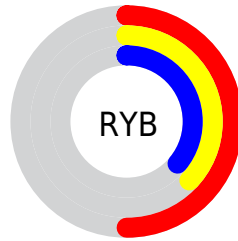
The XYZ color **14.6869, 13.2901, 11.9164** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5780, 18.4746, 22.8238**, and the grayscale version is **13.0730, 13.7538, 14.9779**.

A 20% lighter version of the original color is **33.8303, 31.9071, 29.9668**, and **4.6107, 3.8889, 3.0924** is the 20% darker color. If you saturate the color by 10%, you get **13.1943, 11.1200, 8.9056**, and if you desaturate by 10%, it is **16.4386, 15.8291, 15.4731**.

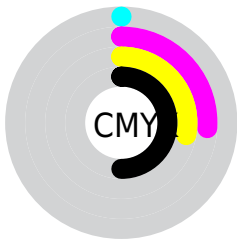
Distribution



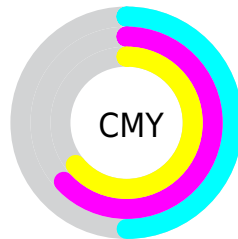
- Red (50%)
- Green (37%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6869, 13.2901, 11.9164 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 14.6869, 13.2901, 11.9164 by changing the saturation by 10% instead.

■ 14.6869, 13.2901,
11.9164

■ 14.6869, 13.2901,
11.9164

214.8894,
212.7686, 214.8093

■ 8.6848, 7.6286,
6.5649

■ 33.8792, 31.8240,
30.0049

■ 4.5916, 3.8582,
3.1172

■ 47.8000, 45.4652,
43.5789

■ 2.0420, 1.5946,
1.1548

■ 65.0912, 62.5351,
60.7310

■ 0.6574, 0.3539,
0.0000

■ 86.1181, 83.4180,
81.8795

■ 0.0000, 0.0000,
0.0000

111.2460,
108.4985, 107.4430

140.8403,

138.1608, 137.8402

175.2663,
172.7894, 173.4894

■ 14.6869, 13.2901,
11.9164

■ 14.6869, 13.2901,
11.9164

■ 13.1943, 11.1200,
8.9056

■ 16.4386, 15.8291,
15.4731

■ 11.9473, 9.2998,
6.4130

■ 18.4596, 18.7510,
19.5999

■ 10.9332, 7.8119,
4.4094

■ 20.7610, 22.0715,
24.3207

■ 10.1375, 6.6361,
2.8628

■ 23.3531, 25.8047,
29.6576

■ 9.5440, 5.7501,
1.7371

■ 26.2454, 29.9641,
35.6319

■ 9.1345, 5.1289,
0.9910

■ 29.4471, 34.5627,
42.2634

■ 8.8801, 4.7400,
0.5359

■ 32.9671, 39.6127,
49.5714

■ 8.8313, 4.6698,
0.4359

■ 36.8137, 45.1260,
57.5744

■ 40.9952, 51.1140,
66.2900

Harmonies

Analogous

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



14.9242, 13.2901, 14.9146



14.6869, 13.2901, 11.9164



13.8873, 13.2901, 9.9052

Triad

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



14.6869, 13.2901, 11.9164



10.9167, 13.2901, 11.2600



12.4790, 13.2901, 21.6033

Complementary

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



14.6869, 13.2901, 11.9164



15.5780, 18.4746, 22.8238

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.



11.4544, 13.2901, 20.2594



14.6869, 13.2901, 11.9164



10.5871, 13.2901, 14.0356

Square

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



14.6869, 13.2901, 11.9164



11.7053, 13.2901, 9.5677



10.7780, 13.2901, 17.3661



13.6061, 13.2901, 20.8144

Rectangle

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



14.6869, 13.2901, 11.9164



13.1665, 13.2901, 9.2371



10.7780, 13.2901, 17.3661



12.1119, 13.2901, 21.3812

Sweetspot

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



14.6873, 13.2907, 11.9167



32.8132, 33.2270, 34.6006



16.2974, 13.6536, 21.2625



7.5643, 7.6086, 7.8592



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.



14.6873, 13.2907, 11.9167



24.5834, 21.3044, 17.8706



16.3961, 16.7085, 12.4863



4.3460, 4.3807, 4.5366



8.9062, 4.7088, 0.4395



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5780, 18.4746, 22.8238



26.4522, 32.1870, 40.7748



13.5808, 14.4803, 22.1581



4.4260, 4.8461, 5.5154



10.6048, 15.0281, 22.5917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6869, 13.2901, 11.9164 looks on a white background.

Color Contrast Check

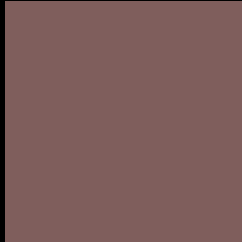
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6869, 13.2901, 11.9164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

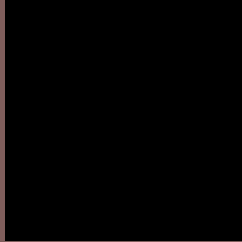
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6869, 13.2901, 11.9164

Background



This preview shows how black text looks on a background with the XYZ color 14.6869, 13.2901, 11.9164.



This preview shows how white text looks on a background with the XYZ color 14.6869, 13.2901,

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

14.6869, 13.2901, 11.9164

Protanopia

12.8065, 13.4114, 12.9800

Deuteranopia

13.5526, 13.3920, 11.7681



Tritanopia

15.1167, 13.3380, 13.8343

Trichromacy



Original Color

14.6869, 13.2901, 11.9164

Protanomaly

13.4668, 13.3273, 12.6891

Deuteranomaly

13.9088, 13.2978, 11.7312

Tritanomaly

14.9741, 13.2810, 13.0835

Monochromacy



Original Color

14.6869, 13.2901, 11.9164

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5395, 13.4792, 13.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6869, 13.2901, 11.9164 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.6869, 13.2901, 11.9164 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, 92) }
```


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

```
.border{ border-color:rgb(127, 94, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 92);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6869, 13.2901, 11.9164 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, 92) }
```

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

```
.background{ background-color: rgb(127, 94,  
92) }
```

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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