

Converting Colors

XYZ(14.1900, 11.7720, 7.4006)

Have a look what the booklet for
XYZ(14.1900, 11.7720, 7.4006)
contains.

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Color

**XYZ(14.1904, 11.7796,
7.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	875346
RGB	135, 83, 70
RGB Percent	53%, 33%, 27%
CMY	0.4706, 0.6745, 0.7255
CMYK	0.00, 0.39, 0.48, 0.47
HSL	12°, 32%, 40%
HSV	12°, 48%, 53%
XYZ	14.1904, 11.7796, 7.3201
YIQ	97.0660, 35.1650, 6.9810

Conversions

Conversions Part 2

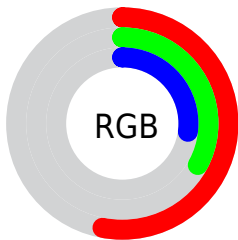
Format	Color
R _Y B	135, 86, 70
Decimal	8868678
CIE Lab	40.86, 20.15, 16.72
CIE LCh	41, 26.180, 39.683
Yxy	11.7796, 0.4263, 0.3538
Android (android.graphics.Color)	4287058758 (0xFF875346)
YUV	97.0660, -13.3435, 33.2681
Hunter-Lab	34.3214, 13.7394, 11.3796

Details

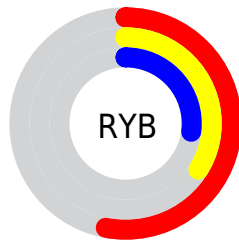
The XYZ color **14.1904, 11.7796, 7.3201** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.8581, 16.9696, 25.4666**, and the grayscale version is **11.4045, 11.9984, 13.0663**.

A 20% lighter version of the original color is **32.8927, 29.0302, 21.0093**, and **4.3391, 3.1961, 1.4251** is the 20% darker color. If you saturate the color by 10%, you get **13.0484, 10.1026, 5.0682**, and if you desaturate by 10%, it is **15.5576, 13.7536, 10.1201**.

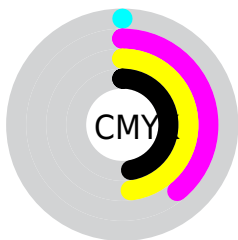
Distribution



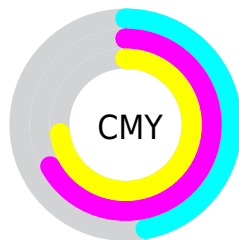
- Red (53%)
- Green (33%)
- Blue (27%)



- Red (53%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (48%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1904, 11.7796, 7.3201 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 14.1904, 11.7796, 7.3201 by changing the saturation by 10% instead.

14.1904, 11.7796,
7.3201

14.1904, 11.7796,
7.3201

211.8991,
202.9407, 180.0282

8.3358, 6.5938,
3.5816

33.0099, 29.0931,
21.1381

4.3642, 3.2094,
1.3987

46.7056, 41.9895,
32.0546

1.9101, 1.2420,
0.1407

63.7456, 58.2249,
46.2010

0.5827, 0.0956,
0.0000

84.4954, 78.1837,
63.9956

0.0000, 0.0000,
0.0000

109.3203,
102.2503, 85.8571

138.5856,

130.8090, 112.2041

172.6568,
164.2444, 143.4549

■ 14.1904, 11.7796,
7.3201

■ 14.1904, 11.7796,
7.3201

■ 13.0484, 10.1026,
5.0682

■ 15.5576, 13.7536,
10.1201

■ 12.1182, 8.7062,
3.3273

■ 17.1605, 16.0363,
13.5003

■ 11.3863, 7.5755,
2.0572

■ 19.0101, 18.6409,
17.4912

■ 10.8375, 6.6929,
1.2109

■ 21.1163, 21.5793,
22.1212

■ 10.4449, 6.0355,
0.6863

■ 23.4887, 24.8628,
27.4166

■ 10.3837, 5.9351,
0.5983

■ 26.1361, 28.5022,
33.4023

■ 29.0670, 32.5078,
40.1020

■ 32.2897, 36.8895,
47.5382

■ 35.8119, 41.6567,
55.7325

Harmonies

Analogous

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



15.1182, 11.7796, 11.1741



14.1904, 11.7796, 7.3201



12.4886, 11.7796, 5.4018

Triad

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



14.1904, 11.7796, 7.3201



8.1574, 11.7796, 9.5790



11.8105, 11.7796, 25.8547

Complementary

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



14.1904, 11.7796, 7.3201



13.8581, 16.9696, 25.4666

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.



9.9961, 11.7796, 25.0762



14.1904, 11.7796, 7.3201



8.0189, 11.7796, 14.6331

Square

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



14.1904, 11.7796, 7.3201



9.0579, 11.7796, 6.4322



8.6558, 11.7796, 20.5694



13.6469, 11.7796, 22.4698

Rectangle

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



14.1904, 11.7796, 7.3201



11.2160, 11.7796, 5.0506



8.6558, 11.7796, 20.5694



11.1763, 11.7796, 26.0887

Sweetspot

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



14.1907, 11.7802, 7.3203



35.4345, 35.3282, 34.3647



15.6947, 10.9364, 19.6961



8.0443, 7.9552, 7.6038



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.1907, 11.7802, 7.3203



23.1566, 17.7788, 8.6719



17.2850, 17.9689, 8.3518



4.7425, 4.8286, 4.9114



9.5834, 5.4893, 0.5544



0.0375, 0.0275, 0.0033

Inverse Universe

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



13.8581, 16.9696, 25.4666



22.4583, 28.2054, 45.3089



10.5131, 10.2797, 24.3516



4.7246, 5.1249, 5.9409



8.9863, 11.5203, 22.8867



0.0361, 0.0499, 0.0809

Previews

White Background



This preview shows how the XYZ color 14.1904, 11.7796, 7.3201 looks on a white background.

Color Contrast Check

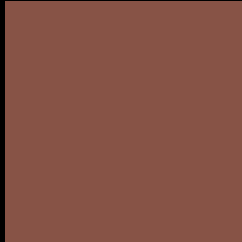
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1904, 11.7796, 7.3201 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 14.1904, 11.7796, 7.3201

Background



This preview shows how black text looks on a background with the XYZ color 14.1904, 11.7796, 7.3201.



This preview shows how white text looks on a background with the XYZ color 14.1904, 11.7796,

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

14.1904, 11.7796, 7.3201

Protanopia

11.1727, 11.9548, 8.5561

Deuteranopia

12.0280, 11.8909, 7.1301



Tritanopia

14.8161, 11.8072, 10.5150

Trichromacy



Original Color

14.1904, 11.7796, 7.3201

Protanomaly

12.1334, 11.7935, 8.1154

Deuteranomaly

12.6726, 11.7120, 7.2229

Tritanomaly

14.6558, 11.8629, 9.3019

Monochromacy



Original Color

14.1904, 11.7796, 7.3201

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.1030, 11.7219, 10.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1904, 11.7796, 7.3201 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(135, 83, 70)` looks like.

```
.text, #text, p{  
    color:rgb(135, 83, 70)  
}
```

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(135, 83, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 83, 70) }
```

Border

The CSS property to change the border of an element to XYZ 14.1904, 11.7796, 7.3201 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(135, 83, 70) }
```


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

```
.border{ border-color:rgb(135, 83, 70) }
```

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

Here you see how a box with a 4 pixel rgb(135, 83, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 83, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 83, 70);  
box-shadow:4px 4px 4px 4px rgb(135, 83,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1904, 11.7796, 7.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 83, 70) }
```

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

```
.background{ background-color: rgb(135, 83,  
70) }
```

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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