

Converting Colors

XYZ(15.0200, 11.3586, 7.2001)

Have a look what the booklet for
XYZ(15.0200, 11.3586, 7.2001)
contains.

XYZ(14.9493, 11.3140, 7.1903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9493, 11.3140,
7.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4B46
RGB	143, 75, 70
RGB Percent	56%, 29%, 27%
CMY	0.4392, 0.7059, 0.7255
CMYK	0.00, 0.48, 0.51, 0.44
HSL	4°, 34%, 42%
HSV	4°, 51%, 56%
XYZ	14.9493, 11.3140, 7.1903
YIQ	94.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

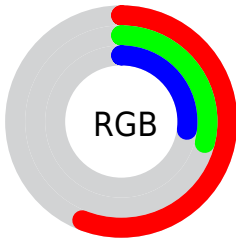
Format	Color
R_{YB}	143, 75, 70
Decimal	9390918
CIE Lab	40.10, 28.07, 15.89
CIE LCh	40, 32.254, 29.519
Yxy	11.3140, 0.4469, 0.3382
Android (android.graphics.Color)	4287580998 (0xFF8F4B46)
YUV	94.7620, -12.2077, 42.3047
Hunter-Lab	33.6363, 20.4690, 10.8712

Details

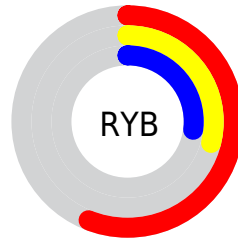
The XYZ color **14.9493, 11.3140, 7.1903** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.5718, 21.4613, 29.2556**, and the grayscale version is **10.8418, 11.4064, 12.4216**.

A 20% lighter version of the original color is **34.4230, 28.2546, 20.7789**, and **4.7329, 3.0335, 1.3730** is the 20% darker color. If you saturate the color by 10%, you get **13.7397, 9.5333, 4.8191**, and if you desaturate by 10%, it is **16.4561, 13.5172, 10.1912**.

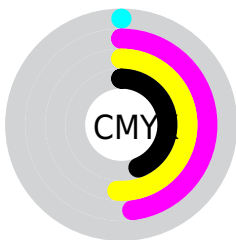
Distribution



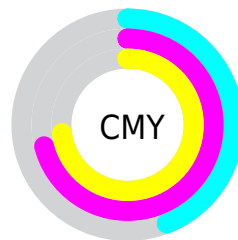
- Red (56%)
- Green (29%)
- Blue (27%)



- Red (56%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (51%)
- Black (44%)





- Cyan (44%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9493, 11.3140, 7.1903 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 14.9493, 11.3140, 7.1903 by changing the saturation by 10% instead.


 14.9493, 11.3140,
7.1903


 14.9493, 11.3140,
7.1903


216.4536,
199.8093, 178.9262


 8.8699, 6.2784,
3.5011


 34.3366, 28.2394,
20.8744


 4.7128, 3.0151,
1.3559

 48.3752, 40.8980,
31.7064


 2.1128, 1.1396,
0.1069

 65.7976, 56.8664,
45.7565

 0.6962, 0.0116,
0.0000

 86.9691, 76.5290,
63.4431

 0.0000, 0.0000,
0.0000

 112.2551,
100.2702, 85.1848

142.0210,

128.4744, 111.4003

176.6320,
161.5259, 142.5079

■ 14.9493, 11.3140,
7.1903

■ 14.9493, 11.3140,
7.1903

■ 13.7397, 9.5333,
4.8191

■ 16.4561, 13.5172,
10.1912

■ 12.8069, 8.1464,
3.0321

■ 18.2773, 16.1658,
13.8616

■ 12.1290, 7.1239,
1.7788

■ 20.4294, 19.2829,
18.2388

■ 11.6807, 6.4315,
0.9998

■ 22.9278, 22.8897,
23.3571

■ 11.4341, 6.0524,
0.5656

■ 25.7869, 27.0059,
29.2487

■ 29.0202, 31.6505,
35.9438

■ 32.6406, 36.8410,
43.4710

■ 36.6602, 42.5945,
51.8574

■ 41.0907, 48.9272,
61.1291

Harmonies

Analogous

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



15.6556, 11.3140, 12.4229



14.9493, 11.3140, 7.1903



13.0873, 11.3140, 4.4586

Triad

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



14.9493, 11.3140, 7.1903



7.4554, 11.3140, 7.0658



10.7175, 11.3140, 29.2069

Complementary

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



14.9493, 11.3140, 7.1903



16.5718, 21.4613, 29.2556

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.



8.7153, 11.3140, 26.2828



14.9493, 11.3140, 7.1903



6.9993, 11.3140, 12.2158

Square

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



14.9493, 11.3140, 7.1903



8.7699, 11.3140, 4.4062



7.4271, 11.3140, 19.4427



13.0160, 11.3140, 26.4548

Rectangle

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



14.9493, 11.3140, 7.1903



11.5555, 11.3140, 3.7405



7.4271, 11.3140, 19.4427



9.9897, 11.3140, 28.8435

Sweetspot

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



14.9496, 11.3146, 7.1905



39.0726, 38.1250, 37.7500



18.1150, 12.0589, 25.4683



8.7669, 8.4638, 8.2609



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9496, 11.3146, 7.1905



24.3722, 16.7270, 8.1778



18.1578, 17.7310, 8.2599



5.4367, 5.4798, 5.6605



10.1164, 5.3644, 0.5022



0.1014, 0.0607, 0.0064

Inverse Universe

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



16.5718, 21.4613, 29.2556



27.5898, 36.9395, 52.2139



12.1992, 12.7162, 27.7981



5.5291, 6.0539, 6.9059



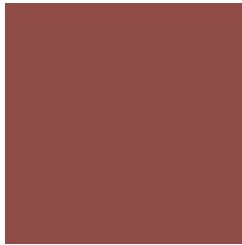
11.8301, 16.6463, 25.5666



0.1193, 0.1715, 0.2465

Previews

White Background



This preview shows how the XYZ color 14.9493, 11.3140, 7.1903 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 14.9493, 11.3140, 7.1903 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 14.9493, 11.3140, 7.1903

Background



This preview shows how black text looks on a background with the XYZ color 14.9493, 11.3140, 7.1903.



This preview shows how white text looks on a background with the XYZ color 14.9493, 11.3140,

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

14.9493, 11.3140, 7.1903

Protanopia

10.7590, 11.4583, 9.0417

Deuteranopia

11.5643, 11.3981, 6.9007



Tritanopia

15.3617, 11.3914, 8.7862

Trichromacy



Original Color

14.9493, 11.3140, 7.1903

Protanomaly

11.9967, 11.2143, 8.3698

Deuteranomaly

12.6041, 11.1994, 6.9662

Tritanomaly

15.2549, 11.3487, 8.2240

Monochromacy



Original Color

14.9493, 11.3140, 7.1903

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.8515, 11.0961, 10.3212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9493, 11.3140, 7.1903 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(143, 75, 70)` looks like.

```
.text, #text, p{  
    color:rgb(143, 75, 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(143, 75, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 75, 70) }
```

Border

The CSS property to change the border of an element to XYZ 14.9493, 11.3140, 7.1903 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(143, 75, 70) }
```


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

```
.border{ border-color:rgb(143, 75, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 75, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 75, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 75, 70);  
box-shadow:4px 4px 4px 4px rgb(143, 75,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9493, 11.3140, 7.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 75, 70) }
```

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

```
.background{ background-color: rgb(143, 75,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor