

Converting Colors

XYZ(11.5020, 7.1551, 2.5251)

Have a look what the booklet for
XYZ(11.5020, 7.1551, 2.5251)
contains.

XYZ(11.5143, 7.1797, 2.5292)	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(11.5143, 7.1797,
2.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	892B25
RGB	137, 43, 37
RGB Percent	54%, 17%, 15%
CMY	0.4627, 0.8313, 0.8549
CMYK	0.00, 0.69, 0.73, 0.46
HSL	4°, 57%, 34%
HSV	4°, 73%, 54%
XYZ	11.5143, 7.1797, 2.5292
YIQ	70.4220, 57.9500, 18.0620

Conversions

Conversions Part 2

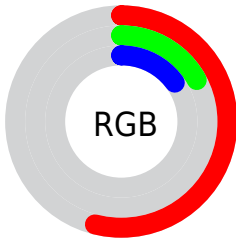
Format	Color
RYB	137, 43, 37
Decimal	8989477
CIELab	32.21, 39.59, 26.06
CIElCh	32, 47.396, 33.355
Yxy	7.1797, 0.5425, 0.3383
Android (android.graphics.Color)	4287179557 (0xFF892B25)
YUV	70.4220, -16.4770, 58.3889
Hunter-Lab	26.7950, 29.8136, 13.1600

Details

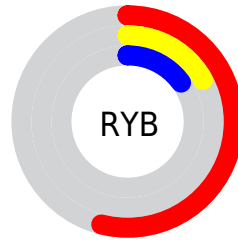
The XYZ color **11.5143, 7.1797, 2.5292** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.3936, 18.4302, 26.5181**, and the grayscale version is **5.9123, 6.2202, 6.7738**.

A 20% lighter version of the original color is **28.2906, 20.3504, 10.4196**, and **3.3083, 1.7055, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **10.9417, 6.3165, 1.4690**, and if you desaturate by 10%, it is **12.3159, 8.3718, 4.0642**.

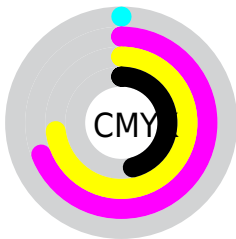
Distribution



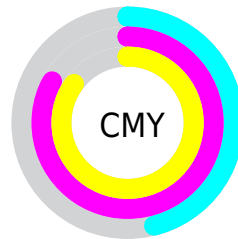
- Red (54%)
- Green (17%)
- Blue (15%)



- Red (54%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (73%)
- Black (46%)



- Cyan (46%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5143, 7.1797, 2.5292 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 11.5143, 7.1797, 2.5292 by changing the saturation by 10% instead.

■ 11.5143, 7.1797,
2.5292

■ 11.5143, 7.1797,
2.5292

194.9991,
169.1486, 130.1179

■ 6.4837, 3.5747,
0.8556

■ 28.2320, 20.3338,
10.4428

■ 3.1848, 1.4386,
0.0000

■ 40.6497, 30.6518,
17.5238

■ 1.2522, 0.2449,
0.0000

■ 56.2606, 43.9761,
27.2458

■ 0.1470, 0.0000,
0.0000

■ 75.4300, 60.6914,
40.0271

■ 0.0000, 0.0000,
0.0000

■ 98.5231, 81.1818,
56.2865

■ 125.9055,

105.8319, 76.4424

157.9423,
135.0261, 100.9133

11.5143, 7.1797,
2.5292

11.5143, 7.1797,
2.5292

10.9417, 6.3165,
1.4690

12.3159, 8.3718,
4.0642

10.5734, 5.7481,
0.8279

13.3667, 9.9199,
6.1206

10.4057, 5.4969,
0.5126

14.6852, 11.8499,
8.7398

16.2881, 14.1848,
11.9589

18.1906, 16.9458,
15.8119

■ 20.4071, 20.1528,
20.3301

■ 22.9507, 23.8241,
25.5429

■ 25.8340, 27.9772,
31.4779

■ 29.0688, 32.6288,
38.1612

Harmonies

Analogous

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



12.6271, 7.1797, 7.0607



11.5143, 7.1797, 2.5292



9.1395, 7.1797, 0.9212

Triad

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



11.5143, 7.1797, 2.5292



3.4437, 7.1797, 3.2233



7.1010, 7.1797, 30.2069

Complementary

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



11.5143, 7.1797, 2.5292



13.3936, 18.4302, 26.5181

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.



4.9370, 7.1797, 26.8955



11.5143, 7.1797, 2.5292



3.1436, 7.1797, 8.6265

Square

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



11.5143, 7.1797, 2.5292



4.5653, 7.1797, 1.1231



3.6198, 7.1797, 17.7157



9.7267, 7.1797, 25.1510

Rectangle

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



11.5143, 7.1797, 2.5292



7.3788, 7.1797, 0.5915



3.6198, 7.1797, 17.7157



6.2979, 7.1797, 30.0424

Sweetspot

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



11.5145, 7.1801, 2.5293



32.7640, 30.6189, 28.6975



15.1428, 8.3074, 22.6349



7.1619, 6.5968, 6.0571



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.



11.5145, 7.1801, 2.5293



19.1005, 10.5524, 1.7602



14.4775, 13.1061, 3.5170



5.0554, 5.0937, 5.2691



9.6963, 5.1269, 0.4785



0.0672, 0.0396, 0.0041

Inverse Universe

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



13.3936, 18.4302, 26.5181



22.6045, 31.7987, 47.3296



8.2956, 8.2340, 24.8187



5.1476, 5.6381, 6.4228



11.4936, 16.2575, 24.5779



0.0800, 0.1152, 0.1645

Previews

White Background



This preview shows how the XYZ color 11.5143, 7.1797, 2.5292 looks on a white background.

Color Contrast Check

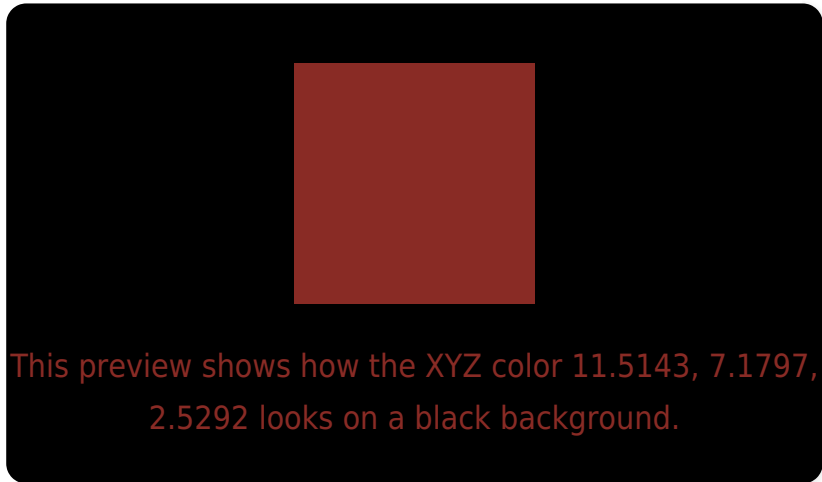
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.5143, 7.1797, 2.5292

Background



This preview shows how black text looks on a background with the XYZ color 11.5143, 7.1797, 2.5292.

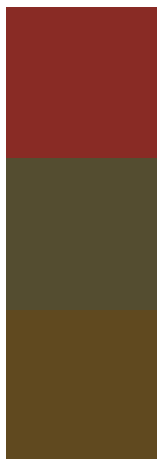


This preview shows how white text looks on a background with the XYZ color 11.5143, 7.1797,

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

11.5143, 7.1797, 2.5292

Protanopia

6.8435, 7.4060, 3.8651

Deuteranopia

7.4537, 7.3508, 2.3223



Tritanopia

11.5991, 7.1561, 3.1528

Trichromacy



Original Color

11.5143, 7.1797, 2.5292

Protanomaly

7.9384, 6.8460, 3.2859

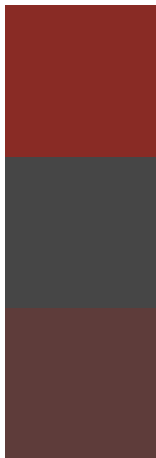
Deuteranomaly

8.5527, 6.9346, 2.3266

Tritanomaly

11.5447, 7.1344, 2.8664

Monochromacy



Original Color

11.5143, 7.1797, 2.5292

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

6.9957, 5.9169, 4.7763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5143, 7.1797, 2.5292 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(137, 43, 37)` looks like.

```
.text, #text, p{  
    color:rgb(137, 43, 37)  
}
```

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(137, 43, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 43, 37) }
```

Border

The CSS property to change the border of an element to XYZ 11.5143, 7.1797, 2.5292 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(137, 43, 37) }
```


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

```
.border{ border-color:rgb(137, 43, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 43, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 43, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 43, 37);  
box-shadow:4px 4px 4px 4px rgb(137, 43,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5143, 7.1797, 2.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 43, 37) }
```

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

```
.background{ background-color: rgb(137, 43,  
37) }
```

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