

Converting Colors

XYZ(11.7480, 7.4222, 2.6006)

Have a look what the booklet for
XYZ(11.7480, 7.4222, 2.6006)
contains.

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Color

**XYZ(11.7535, 7.4136,
2.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2D25
RGB	138, 45, 37
RGB Percent	54%, 18%, 15%
CMY	0.4588, 0.8235, 0.8549
CMYK	0.00, 0.67, 0.73, 0.46
HSL	5°, 58%, 34%
HSV	5°, 73%, 54%
XYZ	11.7535, 7.4136, 2.5618
YIQ	71.8950, 57.9960, 17.2280

Conversions

Conversions Part 2

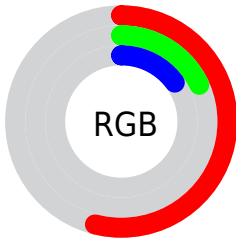
Format	Color
RYB	138, 46, 37
Decimal	9055525
CIELab	32.73, 39.06, 26.71
CIELCh	33, 47.317, 34.365
Yxy	7.4136, 0.5409, 0.3412
Android (android.graphics.Color)	4287245605 (0xFF8A2D25)
YUV	71.8950, -17.2032, 57.9741
Hunter-Lab	27.2279, 29.4044, 13.4811

Details

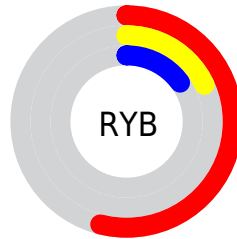
The XYZ color **11.7535, 7.4136, 2.5618** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.3322, 18.1920, 26.8532**, and the grayscale version is **6.1636, 6.4846, 7.0617**.

A 20% lighter version of the original color is **28.7318, 20.8453, 10.4918**, and **3.3933, 1.7493, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **11.1624, 6.5151, 1.4904**, and if you desaturate by 10%, it is **12.5729, 8.6377, 4.1136**.

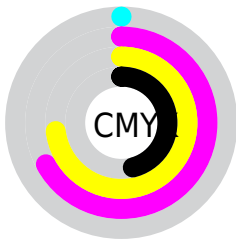
Distribution



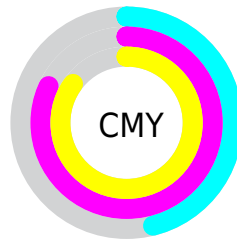
- Red (54%)
- Green (18%)
- Blue (15%)



- Red (54%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (73%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7535, 7.4136, 2.5618 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 11.7535, 7.4136, 2.5618 by changing the saturation by 10% instead.

■ 11.7535, 7.4136,
2.5618

■ 11.7535, 7.4136,
2.5618

196.5699,
171.0575, 130.5674

■ 6.6471, 3.7221,
0.8726

■ 28.6661, 20.8006,
10.5265

■ 3.2867, 1.5193,
0.0000

■ 41.2030, 31.2648,
17.6421

■ 1.3071, 0.3023,
0.0000

■ 56.9474, 44.7554,
27.4044

■ 0.1886, 0.0000,
0.0000

■ 76.2647, 61.6567,
40.2321

■ 0.0000, 0.0000,
0.0000

■ 99.5203, 82.3532,
56.5437

■ 127.0794,

107.2292, 76.7578

159.3075,
136.6692, 101.2928

11.7535, 7.4136,
2.5618

11.7535, 7.4136,
2.5618

11.1624, 6.5151,
1.4904

12.5729, 8.6377,
4.1136

10.7757, 5.9099,
0.8428

13.6401, 10.2131,
6.1930

10.6001, 5.6411,
0.5302

14.9735, 12.1646,
8.8421

16.5891, 14.5143,
12.0985

18.5020, 17.2826,
15.9966

■ 20.7261, 20.4883,
20.5682

■ 23.2744, 24.1495,
25.8431

■ 26.1593, 28.2828,
31.8492

■ 29.3922, 32.9043,
38.6130

Harmonies

Analogous

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



12.9410, 7.4136, 7.0779



11.7535, 7.4136, 2.5618



9.3139, 7.4136, 0.9629

Triad

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



11.7535, 7.4136, 2.5618



3.5660, 7.4136, 3.4927



7.4151, 7.4136, 30.7362

Complementary

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



11.7535, 7.4136, 2.5618



13.3322, 18.1920, 26.8532

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.



5.1805, 7.4136, 27.6675



11.7535, 7.4136, 2.5618



3.2849, 7.4136, 9.1553

Square

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



11.7535, 7.4136, 2.5618



4.6857, 7.4136, 1.2369



3.8012, 7.4136, 18.4770



10.0907, 7.4136, 25.3742

Rectangle

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



11.7535, 7.4136, 2.5618



7.5244, 7.4136, 0.6532



3.8012, 7.4136, 18.4770



6.5891, 7.4136, 30.6720

Sweetspot

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



11.7537, 7.4140, 2.5619



32.8761, 30.8431, 28.7349



15.2575, 8.3723, 22.3792



7.1887, 6.6504, 6.0660



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.



11.7537, 7.4140, 2.5619



19.1826, 10.7166, 1.7875



14.8385, 13.5838, 3.5902



5.0627, 5.1082, 5.2715



9.7240, 5.1823, 0.4878



0.0682, 0.0417, 0.0045

Inverse Universe

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



13.3322, 18.1920, 26.8532



22.0497, 30.6891, 47.1446



8.2755, 8.0786, 25.1676



5.1395, 5.6220, 6.4201



11.1767, 15.6236, 24.4723



0.0789, 0.1131, 0.1641

Previews

White Background



This preview shows how the XYZ color 11.7535, 7.4136, 2.5618 looks on a white background.

Color Contrast Check

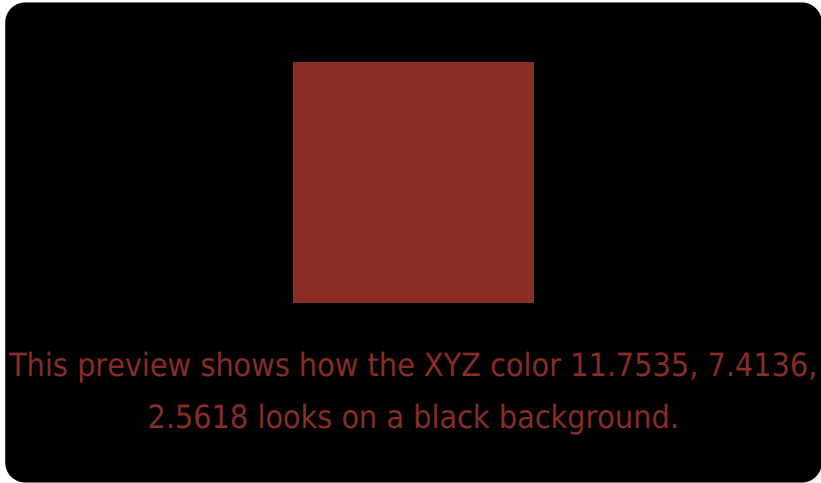
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7535, 7.4136, 2.5618

Background



This preview shows how black text looks on a background with the XYZ color 11.7535, 7.4136, 2.5618.

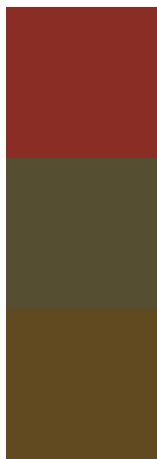


This preview shows how white text looks on a background with the XYZ color 11.7535, 7.4136,

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

11.7535, 7.4136, 2.5618

Protanopia

7.0042, 7.5935, 3.8928

Deuteranopia

7.6259, 7.5379, 2.3494



Tritanopia

11.8751, 7.4019, 3.3876

Trichromacy



Original Color

11.7535, 7.4136, 2.5618

Protanomaly

8.1118, 7.0213, 3.3106

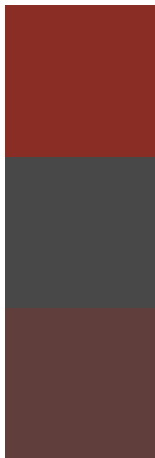
Deuteranomaly

8.7341, 7.1096, 2.3508

Tritanomaly

11.8180, 7.3791, 3.0869

Monochromacy



Original Color

11.7535, 7.4136, 2.5618

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.3359, 6.2478, 4.9570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7535, 7.4136, 2.5618 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(138, 45, 37)` looks like.

```
.text, #text, p{  
    color:rgb(138, 45, 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(138, 45, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 45, 37) }
```

Border

The CSS property to change the border of an element to XYZ 11.7535, 7.4136, 2.5618 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(138, 45, 37) }
```


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

```
.border{ border-color:rgb(138, 45, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 45, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 45, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 45, 37);  
box-shadow:4px 4px 4px 4px rgb(138, 45,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7535, 7.4136, 2.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 45, 37) }
```

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

```
.background{ background-color: rgb(138, 45,  
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](#).

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