

Converting Colors

XYZ(14.3456, 11.8153, 4.2138)

Have a look what the booklet for
XYZ(14.3456, 11.8153, 4.2138)
contains.

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Color

**XYZ(14.3456, 11.8153,
4.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	8C522F
RGB	140, 82, 47
RGB Percent	55%, 32%, 18%
CMY	0.4510, 0.6784, 0.8157
CMYK	0.00, 0.41, 0.66, 0.45
HSL	23°, 50%, 37%
HSV	23°, 66%, 55%
XYZ	14.3456, 11.8153, 4.2138
YIQ	95.3520, 45.8030, 1.4110

Conversions

Conversions Part 2

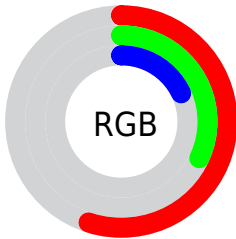
Format	Color
R_{YB}	140, 103, 47
Decimal	9196079
CIE _{Lab}	40.92, 20.86, 30.49
CIE _{LCh}	41, 36.945, 55.616
Yxy	11.8153, 0.4723, 0.3890
Android (android.graphics.Color)	4287386159 (0xFF8C522F)
YUV	95.3520, -23.8375, 39.1563
Hunter-Lab	34.3734, 14.3428, 16.7931

Details

The XYZ color **14.3456, 11.8153, 4.2138** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.9571, 12.6001, 26.6653**, and the grayscale version is **11.0099, 11.5832, 12.6141**.

A 20% lighter version of the original color is **33.2976, 29.1810, 14.4672**, and **4.4686, 3.2402, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **13.4902, 10.4864, 2.7520**, and if you desaturate by 10%, it is **15.3759, 13.3493, 6.1813**.

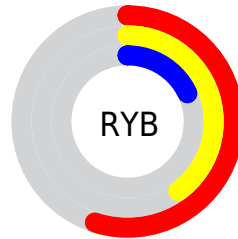
Distribution



Red (55%)

Green (32%)

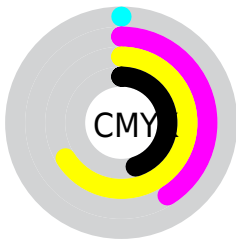
Blue (18%)



Red (55%)

Yellow (40%)

Blue (18%)

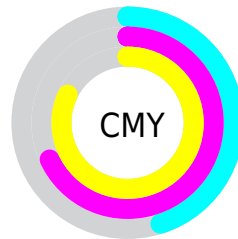


Cyan (0%)

Magenta (41%)

Yellow (66%)

Black (45%)



Cyan (45%)


Magenta (68%)


Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3456, 11.8153, 4.2138 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 14.3456, 11.8153, 4.2138 by changing the saturation by 10% instead.


 14.3456, 11.8153,
4.2138


 14.3456, 11.8153,
4.2138


212.8382,
203.1787, 150.5729


 8.4447, 6.6180,
1.7434


 33.2822, 29.1583,
14.4999


 4.4350, 3.2244,
0.3902

 47.0486, 42.0728,
23.1527

 1.9511, 1.2500,
0.0000

 64.1675, 58.3284,
34.7033

 0.6062, 0.1020,
0.0000

 85.0044, 78.3097,
49.5703

 0.0000, 0.0000,
0.0000

 109.9246,
102.4010, 68.1722

 139.2934,

130.9866, 90.9276

173.4761,
164.4511, 118.2550

■ 14.3456, 11.8153,
4.2138

■ 14.3456, 11.8153,
4.2138

■ 13.4902, 10.4864,
2.7520

■ 15.3759, 13.3493,
6.1813

■ 12.7969, 9.3508,
1.7466

■ 16.5912, 15.0956,
8.6961

■ 12.2477, 8.3966,
1.1188

■ 18.0016, 17.0632,
11.7961

■ 12.0743, 8.0938,
0.9259

■ 19.6161, 19.2602,
15.5159

■ 21.4432, 21.6940,
19.8870

■ 23.4907, 24.3717,
24.9391

■ 25.7663, 27.3002,
30.6998

■ 28.2769, 30.4861,
37.1952

■ 31.0295, 33.9355,
44.4502

Harmonies

Analogous

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



16.4538, 11.8153, 7.5503



14.3456, 11.8153, 4.2138



11.6224, 11.8153, 3.1355

Triad

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



14.3456, 11.8153, 4.2138



6.8933, 11.8153, 11.7859



13.5693, 11.8153, 30.9162

Complementary

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



14.3456, 11.8153, 4.2138



10.9571, 12.6001, 26.6653

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.



10.8468, 11.8153, 33.4693



14.3456, 11.8153, 4.2138



7.2486, 11.8153, 20.2241

Square

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



14.3456, 11.8153, 4.2138



7.5421, 11.8153, 6.2805



8.6018, 11.8153, 28.9662



15.9586, 11.8153, 22.9379

Rectangle

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



14.3456, 11.8153, 4.2138



9.9191, 11.8153, 3.3322



8.6018, 11.8153, 28.9662



12.6518, 11.8153, 32.5439

Sweetspot

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



14.3459, 11.8159, 4.2140



36.4733, 36.4832, 31.8430



14.4280, 8.6470, 14.5170



8.2206, 8.1617, 6.8981



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.3459, 11.8159, 4.2140



23.1071, 17.3939, 3.8254



18.9953, 21.1148, 5.7638



5.1771, 5.3370, 5.3097



10.7465, 7.2275, 0.8286



0.0847, 0.0746, 0.0099

Inverse Universe

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



10.9571, 12.6001, 26.6653



16.6099, 18.7758, 46.4916



7.4906, 5.6671, 25.5098



5.0173, 5.3775, 6.3794



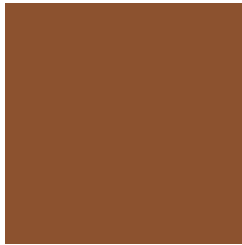
7.2757, 7.8218, 23.1720



0.0625, 0.0802, 0.1586

Previews

White Background



This preview shows how the XYZ color 14.3456, 11.8153, 4.2138 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 14.3456, 11.8153, 4.2138 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 14.3456, 11.8153, 4.2138

Background



This preview shows how black text looks on a background with the XYZ color 14.3456, 11.8153, 4.2138.



This preview shows how white text looks on a background with the XYZ color 14.3456, 11.8153,

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

14.3456, 11.8153, 4.2138

Protanopia

10.9579, 11.9231, 4.9727

Deuteranopia

12.0465, 11.8368, 4.1324



Tritanopia

15.4411, 11.8241, 9.6521

Trichromacy



Original Color

14.3456, 11.8153, 4.2138

Protanomaly

12.0106, 11.8065, 4.6635

Deuteranomaly

12.7353, 11.6887, 4.1697

Tritanomaly

14.8860, 11.6969, 7.2675

Monochromacy



Original Color

14.3456, 11.8153, 4.2138

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.5869, 11.2419, 8.7669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3456, 11.8153, 4.2138 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(140, 82, 47)` looks like.

```
.text, #text, p{  
    color:rgb(140, 82, 47)  
}
```

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(140, 82, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 82, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.3456, 11.8153, 4.2138 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(140, 82, 47) }
```


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

```
.border{ border-color:rgb(140, 82, 47) }
```

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

Here you see how a box with a 4 pixel rgb(140, 82, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 82, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 82, 47);  
box-shadow:4px 4px 4px 4px rgb(140, 82,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3456, 11.8153, 4.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 82, 47) }
```

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

```
.background{ background-color: rgb(140, 82,  
47) }
```

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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