

Converting Colors

XYZ(13.5379, 11.0995, 2.7954)

Have a look what the booklet for
XYZ(13.5379, 11.0995, 2.7954)
contains.

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Color

**XYZ(13.5379, 11.0995,
2.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4F20
RGB	138, 79, 32
RGB Percent	54%, 31%, 13%
CMY	0.4588, 0.6902, 0.8745
CMYK	0.00, 0.43, 0.77, 0.46
HSL	27°, 62%, 33%
HSV	27°, 77%, 54%
XYZ	13.5379, 11.0995, 2.7954
YIQ	91.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

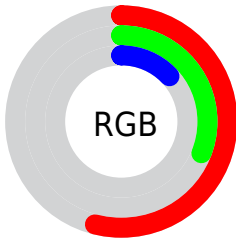
Format	Color
R_{YB}	138, 116, 32
Decimal	9064224
CIE Lab	39.75, 20.83, 37.12
CIE LCh	40, 42.561, 60.699
Yxy	11.0995, 0.4935, 0.4046
Android (android.graphics.Color)	4287254304 (0xFF8A4F20)
YUV	91.2830, -29.2265, 40.9708
Hunter-Lab	33.3159, 14.2305, 18.3464

Details

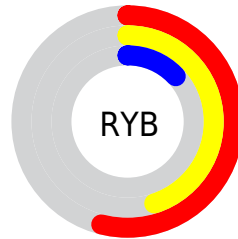
The XYZ color **13.5379, 11.0995, 2.7954** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9239, 9.6237, 25.4318**, and the grayscale version is **10.0652, 10.5894, 11.5318**.

A 20% lighter version of the original color is **32.0265, 28.0008, 11.1138**, and **4.1111, 2.9267, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **12.8658, 9.9953, 1.8321**, and if you desaturate by 10%, it is **14.3531, 12.3644, 4.1944**.

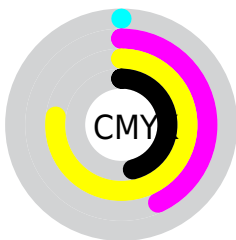
Distribution



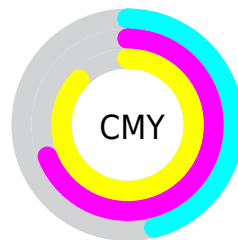
- Red (54%)
- Green (31%)
- Blue (13%)



- Red (54%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (77%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5379, 11.0995, 2.7954 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 13.5379, 11.0995, 2.7954 by changing the saturation by 10% instead.

■ 13.5379, 11.0995,
2.7954

■ 13.5379, 11.0995,
2.7954

207.9055,
198.3489, 133.7105

■ 7.8795, 6.1338,
0.9911

■ 31.8600, 27.8440,
11.1193

■ 4.0691, 2.9266,
0.0000

■ 45.2544, 40.3916,
18.4759

■ 1.7413, 1.0935,
0.0000

■ 61.9582, 56.2353,
28.5205

■ 0.4819, 0.0000,
0.0000

■ 82.3367, 75.7595,
41.6715

■ 0.0000, 0.0000,
0.0000

■ 106.7554, 99.3485,
58.3475

■ 135.5795,

127.3869, 78.9669

169.1744,
160.2589, 103.9484

13.5379, 11.0995,
2.7954

13.5379, 11.0995,
2.7954

12.8658, 9.9953,
1.8321

14.3531, 12.3644,
4.1944

12.3186, 9.0395,
1.2219

15.3215, 13.7958,
6.0753

12.1602, 8.7614,
1.0502

16.4530, 15.4014,
8.4789

17.7562, 17.1876,
11.4417

19.2390, 19.1605,
14.9966

■ 20.9090, 21.3260,
19.1740

■ 22.7730, 23.6894,
24.0024

■ 24.8377, 26.2560,
29.5082

■ 27.1092, 29.0309,
35.7165

Harmonies

Analogous

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



16.1413, 11.0995, 5.6025



13.5379, 11.0995, 2.7954



10.4815, 11.0995, 2.0910

Triad

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



13.5379, 11.0995, 2.7954



5.8785, 11.0995, 12.2823



13.6782, 11.0995, 31.8134

Complementary

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



13.5379, 11.0995, 2.7954



8.9239, 9.6237, 25.4318

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.



10.6183, 11.0995, 36.2959



13.5379, 11.0995, 2.7954



6.4264, 11.0995, 22.2742

Square

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



13.5379, 11.0995, 2.7954



6.3774, 11.0995, 5.8081



8.0372, 11.0995, 32.1882



16.2323, 11.0995, 21.7683

Rectangle

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



13.5379, 11.0995, 2.7954



8.6898, 11.0995, 2.4292



8.0372, 11.0995, 32.1882



12.6578, 11.0995, 34.1836

Sweetspot

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



13.5382, 11.1001, 2.7956



34.8522, 35.0028, 28.7539



12.9324, 7.2102, 10.8507



7.6160, 7.5879, 5.9526



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.



13.5382, 11.1001, 2.7956



21.9725, 16.3893, 2.4309



18.8492, 21.7221, 4.5659



5.2035, 5.3898, 5.3185



11.1635, 8.0613, 0.9676



0.0884, 0.0820, 0.0112

Inverse Universe

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



8.9239, 9.6237, 25.4318



13.3928, 13.5723, 44.2970



5.9109, 3.5976, 24.4274



4.9903, 5.3236, 6.3704



6.6416, 6.5535, 22.9606



0.0588, 0.0728, 0.1574

Previews

White Background



This preview shows how the XYZ color 13.5379, 11.0995, 2.7954 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 13.5379, 11.0995, 2.7954 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 13.5379, 11.0995, 2.7954

Background



This preview shows how black text looks on a background with the XYZ color 13.5379, 11.0995, 2.7954.



This preview shows how white text looks on a background with the XYZ color 13.5379, 11.0995,

2.7954.

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

13.5379, 11.0995, 2.7954

Protanopia

10.1468, 11.1360, 3.2837

Deuteranopia

11.2654, 11.0850, 2.7083



Tritanopia

14.6753, 11.0375, 8.7541

Trichromacy



Original Color

13.5379, 11.0995, 2.7954

Protanomaly

11.2119, 11.0480, 3.1317

Deuteranomaly

11.9403, 10.9507, 2.7127

Tritanomaly

14.1014, 11.0057, 5.9385

Monochromacy



Original Color

13.5379, 11.0995, 2.7954

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.6980, 10.4467, 7.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5379, 11.0995, 2.7954 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, 79, 32)` looks like.

```
.text, #text, p{  
    color:rgb(138, 79, 32)  
}
```

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, 79, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 79, 32) }
```

Border

The CSS property to change the border of an element to XYZ 13.5379, 11.0995, 2.7954 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, 79, 32) }
```


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

```
.border{ border-color:rgb(138, 79, 32) }
```

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

Here you see how a box with a 4 pixel rgb(138, 79, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 79, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 79, 32);  
box-shadow:4px 4px 4px 4px rgb(138, 79,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5379, 11.0995, 2.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 79, 32) }
```

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

```
.background{ background-color: rgb(138, 79,  
32) }
```

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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