

Converting Colors

XYZ(13.3978, 10.7145, 1.4481)

Have a look what the booklet for
XYZ(13.3978, 10.7145, 1.4481)
contains.

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Color

**XYZ(13.4161, 10.7509,
1.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4C03
RGB	140, 76, 3
RGB Percent	55%, 30%, 1%
CMY	0.4510, 0.7019, 0.9882
CMYK	0.00, 0.46, 0.98, 0.45
HSL	32°, 96%, 28%
HSV	32°, 98%, 55%
XYZ	13.4161, 10.7509, 1.4542
YIQ	86.8140, 61.5770, -9.1350

Conversions

Conversions Part 2

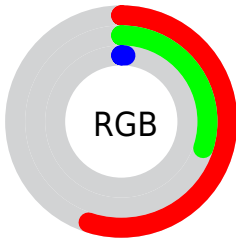
Format	Color
R_{YB}	123, 140, 3
Decimal	9194499
CIE _{Lab}	39.16, 22.59, 47.65
CIE _{LCh}	39, 52.730, 64.638
Yxy	10.7509, 0.5236, 0.4196
Android (android.graphics.Color)	4287384579 (0xFF8C4C03)
YUV	86.8140, -41.3203, 46.6441
Hunter-Lab	32.7886, 15.6569, 20.3224

Details

The XYZ color **13.4161, 10.7509, 1.4542** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.7783, 5.9270, 25.5975**, and the grayscale version is **9.0962, 9.5699, 10.4217**.

A 20% lighter version of the original color is **31.6253, 27.1048, 7.4358**, and **4.0316, 2.7675, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **13.3042, 10.5536, 1.3358**, and if you desaturate by 10%, it is **13.9748, 11.7329, 2.0586**.

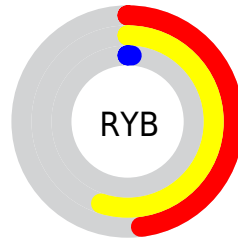
Distribution



Red (55%)

Green (30%)

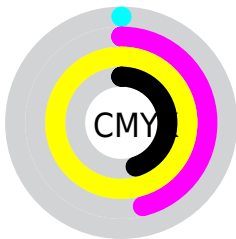
Blue (1%)



Red (48%)

Yellow (55%)

Blue (1%)

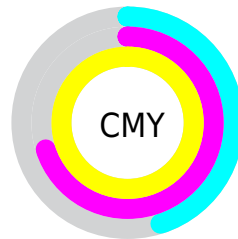


Cyan (0%)

Magenta (46%)

Yellow (98%)

Black (45%)



Cyan (45%)

Magenta (70%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4161, 10.7509, 1.4542 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 13.4161, 10.7509, 1.4542 by changing the saturation by 10% instead.

13.4161, 10.7509,
1.4542

13.4161, 10.7509,
1.4542

207.1516,
195.9505, 113.2252

7.7947, 5.8996,
0.1835

31.6443, 27.1986,
7.4863

4.0145, 2.7841,
0.0000

44.9818, 39.5638,
13.2766

1.7104, 1.0201,
0.0000

61.6220, 55.2024,
21.4744

0.4627, 0.0000,
0.0000


81.9304, 74.4988,
32.4983


0.0000, 0.0000,
0.0000


106.2721, 97.8375,
46.7668


135.0127,


125.6027, 64.6984


 168.5174,
158.1789, 86.7117


 13.4161, 10.7509,
1.4542


 13.4161, 10.7509,
1.4542


 13.3042, 10.5536,
1.3358

 13.9748, 11.7329,
2.0586

 14.6419, 12.8331,
3.0019

 15.4375, 14.0622,
4.3836

 16.3721, 15.4262,
6.2528

 17.4549, 16.9306,
8.6520

■ 18.6941, 18.5807,
11.6188

■ 20.0972, 20.3810,
15.1876

■ 21.6712, 22.3361,
19.3899

■ 23.4227, 24.4502,
24.2550

Harmonies

Analogous

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



16.8952, 10.7509, 3.7599



13.4161, 10.7509, 1.4542



9.6785, 10.7509, 1.0479

Triad

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



13.4161, 10.7509, 1.4542



4.8294, 10.7509, 13.3520



14.5905, 10.7509, 36.1465

Complementary

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



13.4161, 10.7509, 1.4542



6.7783, 5.9270, 25.5975

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.



10.7781, 10.7509, 43.8159



13.4161, 10.7509, 1.4542



5.5832, 10.7509, 26.6278

Square

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



13.4161, 10.7509, 1.4542



5.2237, 10.7509, 5.1895



7.5740, 10.7509, 39.5890



17.6756, 10.7509, 22.1841

Rectangle

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



13.4161, 10.7509, 1.4542



7.6380, 10.7509, 1.4285



7.5740, 10.7509, 39.5890



13.3229, 10.7509, 39.8238

Sweetspot

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



13.4163, 10.7515, 1.4544



34.9766, 35.3557, 25.5917



11.9287, 6.0730, 6.2094



7.8399, 7.8663, 5.3345



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.



13.4163, 10.7515, 1.4544



23.2942, 18.2826, 2.3012



19.8288, 24.1417, 3.7010



5.2390, 5.4609, 5.3303



11.8414, 9.4172, 1.1936



0.0933, 0.0919, 0.0128

Inverse Universe

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



6.7783, 5.9270, 25.5975



11.5607, 9.7685, 45.0191



4.8324, 1.9928, 24.9407



4.9547, 5.2522, 6.3585



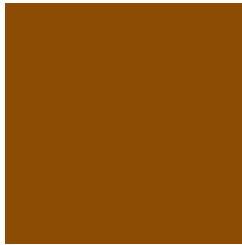
5.9255, 5.1214, 22.7219



0.0538, 0.0629, 0.1558

Previews

White Background



This preview shows how the XYZ color 13.4161, 10.7509, 1.4542 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 13.4161, 10.7509, 1.4542 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 13.4161, 10.7509, 1.4542

Background



This preview shows how black text looks on a background with the XYZ color 13.4161, 10.7509, 1.4542.



This preview shows how white text looks on a background with the XYZ color 13.4161, 10.7509,

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

13.4161, 10.7509, 1.4542

Protanopia

9.8064, 10.8585, 1.9269

Deuteranopia

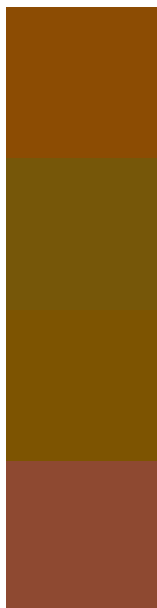
10.8258, 10.7614, 1.5066



Tritanopia

14.8854, 10.8679, 8.1506

Trichromacy



Original Color

13.4161, 10.7509, 1.4542

Protanomaly

10.9287, 10.6877, 1.7454

Deuteranomaly

11.6332, 10.7028, 1.4814

Tritanomaly

14.0923, 10.7376, 4.2356

Monochromacy



Original Color

13.4161, 10.7509, 1.4542

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.7509, 9.5362, 5.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4161, 10.7509, 1.4542 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, 76, 3)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 3)  
}
```

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, 76, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 3) }
```

Border

The CSS property to change the border of an element to XYZ 13.4161, 10.7509, 1.4542 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, 76, 3) }
```


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

```
.border{ border-color:rgb(140, 76, 3) }
```

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

Here you see how a box with a 4 pixel rgb(140, 76, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 3);  
box-shadow:4px 4px 4px 4px rgb(140, 76, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.4161, 10.7509, 1.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 3) }
```

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

```
.background{ background-color: rgb(140, 76,  
3) }
```

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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