

Converting Colors

XYZ(13.6003, 10.9560, 1.8142)

Have a look what the booklet for
XYZ(13.6003, 10.9560, 1.8142)
contains.

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Color

**XYZ(13.5484, 10.9149,
1.8082)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4D0E
RGB	140, 77, 14
RGB Percent	55%, 30%, 5%
CMY	0.4510, 0.6980, 0.9451
CMYK	0.00, 0.45, 0.90, 0.45
HSL	30°, 82%, 30%
HSV	30°, 90%, 55%
XYZ	13.5484, 10.9149, 1.8082
YIQ	88.6550, 57.7710, -6.2370

Conversions

Conversions Part 2

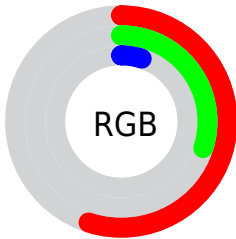
Format	Color
R_{YB}	140, 140, 14
Decimal	9194766
CIE Lab	39.44, 22.24, 44.55
CIE LCh	39, 49.795, 63.477
Yxy	10.9149, 0.5157, 0.4155
Android (android.graphics.Color)	4287384846 (0xFF8C4D0E)
YUV	88.6550, -36.8049, 45.0296
Hunter-Lab	33.0377, 15.3849, 19.8814

Details

The XYZ color **13.5484, 10.9149, 1.8082** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.5686, 7.2945, 25.8199**, and the grayscale version is **9.4894, 9.9835, 10.8721**.

A 20% lighter version of the original color is **31.8035, 27.5547, 8.4928**, and **4.1461, 2.8648, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **13.0056, 9.9563, 1.2364**, and if you desaturate by 10%, it is **14.1955, 12.0005, 2.6670**.

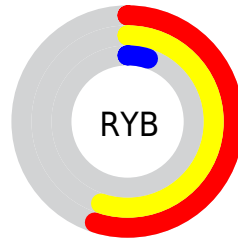
Distribution



Red (55%)

Green (30%)

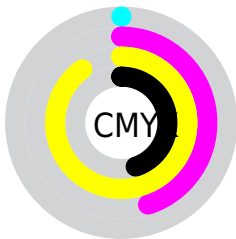
Blue (5%)



Red (55%)

Yellow (55%)

Blue (5%)

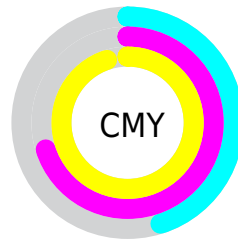


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (45%)



Cyan (45%)

Magenta (70%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5484, 10.9149, 1.8082 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 13.5484, 10.9149, 1.8082 by changing the saturation by 10% instead.

■ 13.5484, 10.9149,
1.8082

■ 13.5484, 10.9149,
1.8082

207.9703,
197.0828, 119.3236

■ 7.8868, 6.0096,
0.4334

■ 31.8786, 27.5027,
8.5095

■ 4.0738, 2.8509,
0.0000

■ 45.2779, 39.9540,
14.7645

■ 1.7440, 1.0544,
0.0000

■ 61.9871, 55.6895,
23.5138

■ 0.4836, 0.0000,
0.0000


■ 82.3717, 75.0935,
35.1759


■ 0.0000, 0.0000,
0.0000


■ 106.7970, 98.5504,
50.1694


■ 135.6283,


126.4447, 68.9129


 169.2309,
159.1607, 91.8248


 13.5484, 10.9149,
1.8082


 13.5484, 10.9149,
1.8082


 13.0056, 9.9563,
1.2364


 14.1955, 12.0005,
2.6670

 13.0055, 9.9561,
1.2363

 14.9746, 13.2254,
3.9543

 15.8971, 14.5970,
5.7214

 16.9727, 16.1214,
8.0121

 18.2100, 17.8045,
10.8650

■ 19.6171, 19.6516,
14.3153

■ 21.2011, 21.6676,
18.3950

■ 22.9691, 23.8574,
23.1341

■ 24.9274, 26.2256,
28.5604

Harmonies

Analogous

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



16.7789, 10.9149, 4.3010



13.5484, 10.9149, 1.8082



9.9859, 10.9149, 1.3142

Triad

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



13.5484, 10.9149, 1.8082



5.1537, 10.9149, 13.0470



14.3788, 10.9149, 35.0854

Complementary

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



13.5484, 10.9149, 1.8082



7.5686, 7.2945, 25.8199

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.



10.7726, 10.9149, 41.7374



13.5484, 10.9149, 1.8082



5.8504, 10.9149, 25.3567

Square

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



13.5484, 10.9149, 1.8082



5.5860, 10.9149, 5.3699



7.7392, 10.9149, 37.4552



17.3267, 10.9149, 22.2584

Rectangle

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



13.5484, 10.9149, 1.8082



7.9991, 10.9149, 1.6919



7.7392, 10.9149, 37.4552



13.1785, 10.9149, 38.3593

Sweetspot

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



13.5486, 10.9155, 1.8084



35.2350, 35.4822, 26.8812



12.3119, 6.4254, 7.6128



7.9366, 7.9410, 5.7331



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.



13.5486, 10.9155, 1.8084



22.7687, 17.2316, 2.1260



20.2725, 24.3633, 4.0497



5.2259, 5.4347, 5.3260



11.5758, 8.8859, 1.1050



0.0915, 0.0883, 0.0122

Inverse Universe

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



7.5686, 7.2945, 25.8199



12.0459, 10.7389, 45.1809



5.0719, 2.3010, 24.9877



4.9677, 5.2783, 6.3628



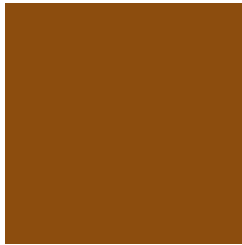
6.1717, 5.6137, 22.8040



0.0556, 0.0665, 0.1564

Previews

White Background



This preview shows how the XYZ color 13.5484, 10.9149, 1.8082 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

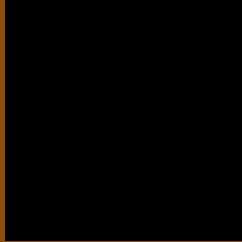
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5484, 10.9149, 1.8082

Background



This preview shows how black text looks on a background with the XYZ color 13.5484, 10.9149, 1.8082.



This preview shows how white text looks on a background with the XYZ color 13.5484, 10.9149,

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

13.5484, 10.9149, 1.8082

Protanopia

9.9459, 11.0557, 2.2258

Deuteranopia

11.0436, 10.9963, 1.5404



Tritanopia

14.9846, 11.0102, 8.3566

Trichromacy



Original Color

13.5484, 10.9149, 1.8082

Protanomaly

11.0621, 10.8715, 2.0457

Deuteranomaly

11.8801, 10.9436, 1.6298

Tritanomaly

14.2700, 10.9147, 4.8447

Monochromacy



Original Color

13.5484, 10.9149, 1.8082

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.3023, 10.0329, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5484, 10.9149, 1.8082 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, 77, 14)` looks like.

```
.text, #text, p{  
  color:rgb(140, 77, 14)  
}
```

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, 77, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 77, 14) }
```

Border

The CSS property to change the border of an element to XYZ 13.5484, 10.9149, 1.8082 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, 77, 14) }
```


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

```
.border{ border-color:rgb(140, 77, 14) }
```

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

Here you see how a box with a 4 pixel rgb(140, 77, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 77, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 77, 14);  
box-shadow:4px 4px 4px 4px rgb(140, 77,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5484, 10.9149, 1.8082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 77, 14) }
```

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

```
.background{ background-color: rgb(140, 77,  
14) }
```

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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