

Converting Colors

XYZ(13.6109, 10.9955, 1.4050)

Have a look what the booklet for
XYZ(13.6109, 10.9955, 1.4050)
contains.

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Color

**XYZ(13.6384, 10.9705,
1.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4D00
RGB	141, 77, 0
RGB Percent	55%, 30%, 0%
CMY	0.4471, 0.6980, 1.0000
CMYK	0.00, 0.45, 1.00, 0.45
HSL	33°, 100%, 28%
HSV	33°, 100%, 55%
XYZ	13.6384, 10.9705, 1.3987
YIQ	87.3580, 62.8610, -10.3790

Conversions

Conversions Part 2

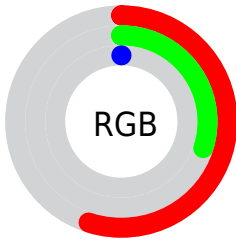
Format	Color
RYB	117, 141, 0
Decimal	9260288
CIELab	39.53, 22.41, 48.90
CIElCh	40, 53.792, 65.382
Yxy	10.9705, 0.5244, 0.4218
Android (android.graphics.Color)	4287450368 (0xFF8D4D00)
YUV	87.3580, -43.0675, 47.0440
Hunter-Lab	33.1217, 15.5371, 20.6815

Details

The XYZ color **13.6384, 10.9705, 1.3987** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.6410, 5.5897, 25.9280**, and the grayscale version is **9.2175, 9.6975, 10.5606**.

A 20% lighter version of the original color is **32.1226, 27.7436, 7.4034**, and **4.1461, 2.8648, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **13.6385, 10.9709, 1.3988**, and if you desaturate by 10%, it is **14.1887, 11.9432, 1.9766**.

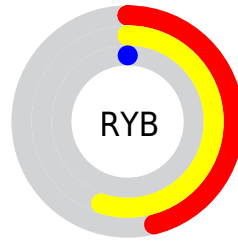
Distribution



Red (55%)

Green (30%)

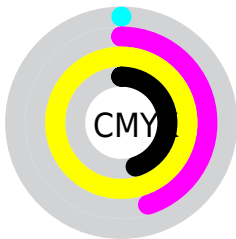
Blue (0%)



Red (46%)

Yellow (55%)

Blue (0%)

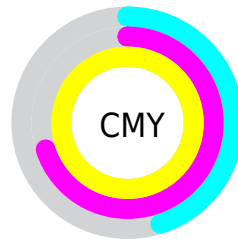


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (70%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6384, 10.9705, 1.3987 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 13.6384, 10.9705, 1.3987 by changing the saturation by 10% instead.


 13.6384, 10.9705,
1.3987


 13.6384, 10.9705,
1.3987


 208.5255,
197.4651, 112.2032


 7.9496, 6.0470,
0.1407


 32.0377, 27.6056,
7.3200


 4.1143, 2.8737,
0.0000

 45.4789, 40.0860,
13.0325


 1.7670, 1.0661,
0.0000

 62.2350, 55.8542,
21.1378

 0.4977, 0.0000,
0.0000

 82.6712, 75.2945,
32.0543


 0.0000, 0.0000,
0.0000


 107.1531, 98.7913,
46.2005


 136.0458,


126.7291, 63.9950


 169.7148,
159.4922, 85.8564


 13.6384, 10.9705,
1.3987


 13.6384, 10.9705,
1.3987


 13.6385, 10.9709,
1.3988

 14.1887, 11.9432,
1.9766

 14.8361, 13.0268,
2.8439

 15.6093, 14.2350,
4.1440

 16.5190, 15.5739,
5.9287

 17.5748, 17.0491,
8.2425

■ 18.7851, 18.6657,
11.1246

■ 20.1576, 20.4284,
14.6107

■ 21.6995, 22.3415,
18.7334

■ 23.4173, 24.4094,
23.5228

Harmonies

Analogous

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



17.2732, 10.9705, 3.6685



13.6384, 10.9705, 1.3987



9.7816, 10.9705, 1.0219

Triad

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



13.6384, 10.9705, 1.3987



4.8773, 10.9705, 13.9345



15.0503, 10.9705, 37.0278

Complementary

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



13.6384, 10.9705, 1.3987



6.6410, 5.5897, 25.9280

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.



11.1005, 10.9705, 45.2928



13.6384, 10.9705, 1.3987



5.6815, 10.9705, 27.8064

Square

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



13.6384, 10.9705, 1.3987



5.2529, 10.9705, 5.3677



7.7642, 10.9705, 41.1891



18.2128, 10.9705, 22.4483

Rectangle

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



13.6384, 10.9705, 1.3987



7.6947, 10.9705, 1.4260



7.7642, 10.9705, 41.1891



13.7401, 10.9705, 40.9310

Sweetspot

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



13.6386, 10.9711, 1.3989



35.9316, 36.3723, 25.7288



11.9620, 6.0538, 5.6617



7.8166, 7.8581, 5.2088



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.



13.6386, 10.9711, 1.3989



24.2544, 19.3069, 2.4483



19.7269, 24.3090, 3.6525



5.6376, 5.8814, 5.7275



12.4518, 10.0354, 1.2807



0.1411, 0.1401, 0.0196

Inverse Universe

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



6.6410, 5.5897, 25.9280



11.7285, 9.6813, 46.3784



4.8666, 1.9535, 25.3197



5.3186, 5.6329, 6.8357



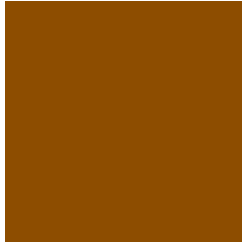
6.0708, 5.1276, 23.6468



0.0796, 0.0921, 0.2333

Previews

White Background



This preview shows how the XYZ color 13.6384, 10.9705, 1.3987 looks on a white background.

Color Contrast Check

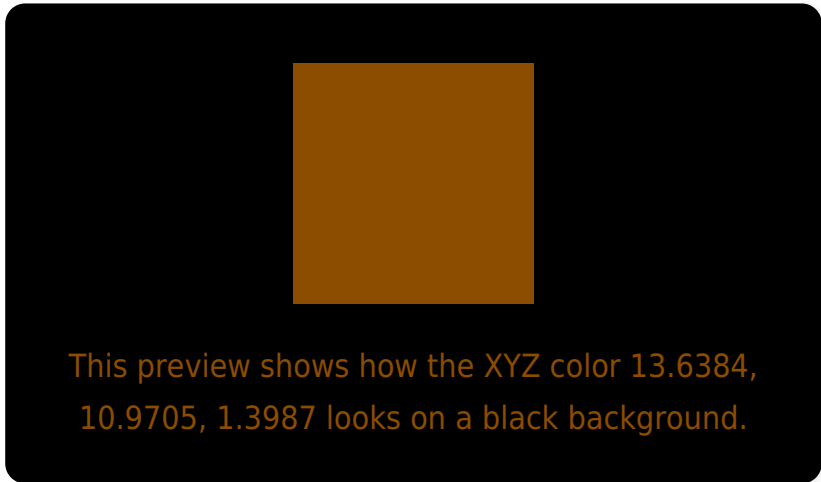
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6384, 10.9705, 1.3987

Background



This preview shows how black text looks on a background with the XYZ color 13.6384, 10.9705, 1.3987.



This preview shows how white text looks on a background with the XYZ color 13.6384, 10.9705,

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

13.6384, 10.9705, 1.3987

Protanopia

10.0129, 11.0961, 1.9619

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

15.1585, 11.0998, 8.3647

Trichromacy



Original Color

13.6384, 10.9705, 1.3987

Protanomaly

11.1413, 10.9189, 1.7501

Deuteranomaly

12.0009, 11.0090, 1.4924

Tritanomaly

14.3308, 10.9589, 4.2657

Monochromacy



Original Color

13.6384, 10.9705, 1.3987

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.8462, 9.5881, 4.9462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6384, 10.9705, 1.3987 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(141, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 0)  
}
```

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(141, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.6384, 10.9705, 1.3987 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(141, 77, 0) }
```


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

```
.border{ border-color:rgb(141, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(141, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6384, 10.9705, 1.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 0) }
```

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

```
.background{ background-color: rgb(141, 77,  
0) }
```

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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