

Converting Colors

XYZ(14.1000, 10.7740, 1.3364)

Have a look what the booklet for
XYZ(14.1000, 10.7740, 1.3364)
contains.

XYZ(14.0596, 10.7848, 1.3407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.0596, 10.7848,
1.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	914900
RGB	145, 73, 0
RGB Percent	57%, 29%, 0%
CMY	0.4314, 0.7137, 1.0000
CMYK	0.00, 0.50, 1.00, 0.43
HSL	30°, 100%, 28%
HSV	30°, 100%, 57%
XYZ	14.0596, 10.7848, 1.3407
YIQ	86.2060, 66.3450, -7.4390

Conversions

Conversions Part 2

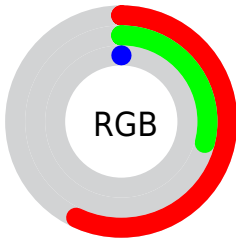
Format	Color
R_{YB}	143, 145, 0
Decimal	9521408
CIE Lab	39.22, 26.43, 49.02
CIE LCh	39, 55.689, 61.662
Yxy	10.7848, 0.5369, 0.4119
Android (android.graphics.Color)	4287711488 (0xFF914900)
YUV	86.2060, -42.4996, 51.5623
Hunter-Lab	32.8402, 18.9493, 20.5676

Details

The XYZ color **14.0596, 10.7848, 1.3407** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.4282, 6.6790, 27.6855**, and the grayscale version is **8.9674, 9.4344, 10.2740**.

A 20% lighter version of the original color is **32.9494, 27.4209, 7.1706**, and **4.4164, 2.8586, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **14.0597, 10.7851, 1.3407**, and if you desaturate by 10%, it is **14.6433, 11.8201, 1.9434**.

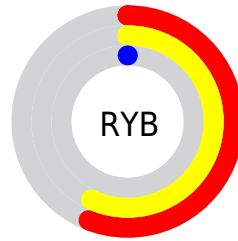
Distribution



Red (57%)

Green (29%)

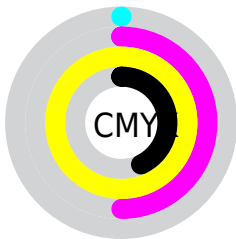
Blue (0%)



Red (56%)

Yellow (57%)

Blue (0%)

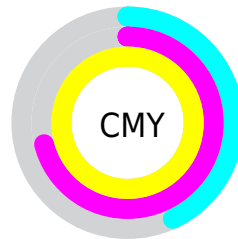


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (43%)



Cyan (43%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0596, 10.7848, 1.3407 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 14.0596, 10.7848, 1.3407 by changing the saturation by 10% instead.


 14.0596, 10.7848,
1.3407


 14.0596, 10.7848,
1.3407


 211.1045,
196.1851, 111.1126


 8.2441, 5.9223,
0.0948


 32.7801, 27.2615,
7.1441


 4.3047, 2.7979,
0.0000

 46.4159, 39.6446,
12.7738


 1.8759, 1.0272,
0.0000

 63.3891, 55.3033,
20.7803

 0.5628, 0.0000,
0.0000

 84.0651, 74.6220,
31.5820


 0.0000, 0.0000,
0.0000


 108.8093, 97.9851,
45.5976


 137.9870,


125.7771, 63.2455


 171.9636,
158.3823, 84.9444


 14.0596, 10.7848,
1.3407


 14.0596, 10.7848,
1.3407


 14.0597, 10.7851,
1.3407

 14.6433, 11.8201,
1.9434

 15.3398, 12.9904,
2.8616

 16.1789, 14.3110,
4.2439

 17.1729, 15.7894,
6.1461

 18.3322, 17.4321,
8.6160

■ 19.6663, 19.2455,
11.6960

■ 21.1837, 21.2352,
15.4242

■ 22.8926, 23.4067,
19.8357

■ 24.8003, 25.7652,
24.9630

Harmonies

Analogous

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



17.6761, 10.7848, 3.9071



14.0596, 10.7848, 1.3407



10.0433, 10.7848, 0.8353

Triad

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



14.0596, 10.7848, 1.3407



4.6091, 10.7848, 12.3508



14.5106, 10.7848, 39.4664

Complementary

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



14.0596, 10.7848, 1.3407



7.4282, 6.6790, 27.6855

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.



10.4608, 10.7848, 46.7346



14.0596, 10.7848, 1.3407



5.2648, 10.7848, 26.2216

Square

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



14.0596, 10.7848, 1.3407



5.1321, 10.7848, 4.4257



7.2004, 10.7848, 40.8228



17.9779, 10.7848, 24.4923

Rectangle

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



14.0596, 10.7848, 1.3407



7.8173, 10.7848, 1.1159



7.2004, 10.7848, 40.8228



13.1428, 10.7848, 43.1947

Sweetspot

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



14.0598, 10.7854, 1.3409



37.7565, 37.7960, 27.1675



12.8632, 6.4943, 6.7927



8.1658, 8.1044, 5.4623



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.0598, 10.7854, 1.3409



25.0045, 18.9656, 2.3428



21.8023, 26.2704, 3.9217



5.6191, 5.8446, 5.7213



12.0856, 9.3028, 1.1586



0.1376, 0.1330, 0.0184

Inverse Universe

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



7.4282, 6.6790, 27.6855



13.1285, 11.6126, 49.5231



5.1109, 2.0444, 26.9131



5.3369, 5.6695, 6.8418



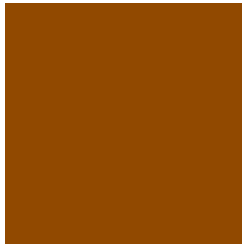
6.3972, 5.7805, 23.7557



0.0831, 0.0992, 0.2344

Previews

White Background



This preview shows how the XYZ color 14.0596, 10.7848, 1.3407 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 14.0596, 10.7848, 1.3407

Background



This preview shows how black text looks on a background with the XYZ color 14.0596, 10.7848, 1.3407.



This preview shows how white text looks on a background with the XYZ color 14.0596, 10.7848,

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

14.0596, 10.7848, 1.3407

Protanopia

9.8127, 10.8610, 1.9600

Deuteranopia

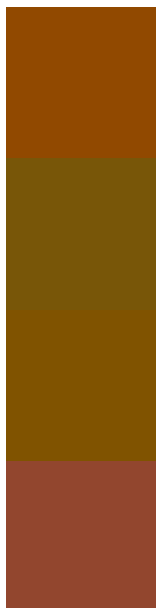
10.9609, 10.8310, 1.5129



Tritanopia

15.3023, 10.8183, 7.5850

Trichromacy



Original Color

14.0596, 10.7848, 1.3407

Protanomaly

11.1173, 10.6662, 1.7026

Deuteranomaly

11.9953, 10.7757, 1.4477

Tritanomaly

14.5374, 10.6886, 3.8817

Monochromacy



Original Color

14.0596, 10.7848, 1.3407

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.6954, 9.2865, 4.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0596, 10.7848, 1.3407 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(145, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 73, 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(145, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 73, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.0596, 10.7848, 1.3407 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(145, 73, 0) }
```


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

```
.border{ border-color:rgb(145, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(145, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0596, 10.7848, 1.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 73, 0) }
```

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

```
.background{ background-color: rgb(145, 73,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor