

Converting Colors

XYZ(14.3148, 10.6356, 3.8884)

Have a look what the booklet for
XYZ(14.3148, 10.6356, 3.8884)
contains.

XYZ(14.2480, 10.6330, 3.8862)	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(14.2480, 10.6330,
3.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	90472E
RGB	144, 71, 46
RGB Percent	56%, 28%, 18%
CMY	0.4353, 0.7216, 0.8196
CMYK	0.00, 0.51, 0.68, 0.44
HSL	15°, 52%, 37%
HSV	15°, 68%, 56%
XYZ	14.2480, 10.6330, 3.8862
YIQ	89.9770, 51.5330, 7.7010

Conversions

Conversions Part 2

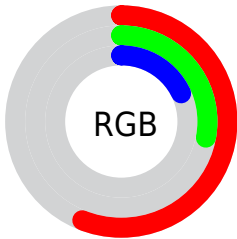
Format	Color
R_{YB}	144, 80, 46
Decimal	9455406
CIE _{Lab}	38.96, 28.73, 28.90
CIE _{LCh}	39, 40.753, 45.168
Yxy	10.6330, 0.4953, 0.3696
Android (android.graphics.Color)	4287645486 (0xFF90472E)
YUV	89.9770, -21.6807, 47.3782
Hunter-Lab	32.6083, 20.9301, 15.7597

Details

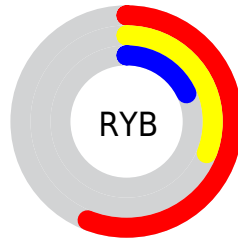
The XYZ color **14.2480, 10.6330, 3.8862** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **12.7572, 15.7873, 28.7604**, and the grayscale version is **9.7523, 10.2602, 11.1734**.

A 20% lighter version of the original color is **33.1703, 27.0216, 13.8234**, and **4.4465, 2.7771, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **13.3874, 9.2924, 2.4263**, and if you desaturate by 10%, it is **15.3248, 12.2538, 5.8883**.

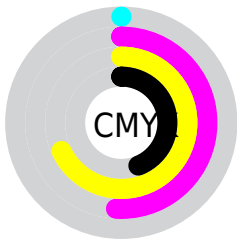
Distribution



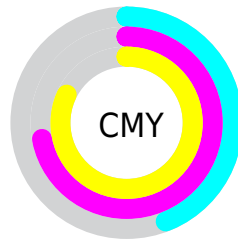
- Red (56%)
- Green (28%)
- Blue (18%)



- Red (56%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (44%)





- Cyan (44%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2480, 10.6330, 3.8862 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 14.2480, 10.6330, 3.8862 by changing the saturation by 10% instead.


 14.2480, 10.6330,
3.8862


 14.2480, 10.6330,
3.8862


212.2481,
195.1321, 146.9520


 8.3762, 5.8206,
1.5631


 33.1110, 26.9795,
13.7464


 4.3904, 2.7363,
0.2643

 46.8330, 39.2824,
22.1207


 1.9253, 0.9957,
0.0000

 63.9023, 54.8510,
33.3491

 0.5915, 0.0000,
0.0000

 84.6845, 74.0695,
47.8501

 0.0000, 0.0000,
0.0000

 109.5448, 97.3226,
66.0424

 138.8486,

124.9944, 88.3444

172.9613,
157.4694, 115.1748

■ 14.2480, 10.6330,
3.8862

■ 14.2480, 10.6330,
3.8862

■ 13.3874, 9.2924,
2.4263

■ 15.3248, 12.2538,
5.8883

■ 12.7259, 8.2135,
1.4532

■ 16.6316, 14.1681,
8.4791

■ 12.2367, 7.3751,
0.8590

■ 18.1816, 16.3907,
11.7009

■ 12.1551, 7.2363,
0.7561

■ 19.9870, 18.9346,
15.5920

■ 22.0590, 21.8121,
20.1873

■ 24.4082, 25.0349,
25.5197

■ 27.0446, 28.6140,
31.6196

■ 29.9775, 32.5600,
38.5159

■ 33.2161, 36.8831,
46.2360

Harmonies

Analogous

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



16.0230, 10.6330, 8.0921



14.2480, 10.6330, 3.8862



11.5013, 10.6330, 2.3086

Triad

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



14.2480, 10.6330, 3.8862



5.8561, 10.6330, 8.1591



11.5335, 10.6330, 32.8094

Complementary

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



14.2480, 10.6330, 3.8862



12.7572, 15.7873, 28.7604

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.



8.8290, 10.6330, 32.8549



14.2480, 10.6330, 3.8862



5.8616, 10.6330, 15.9427

Square

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



14.2480, 10.6330, 3.8862



6.8401, 10.6330, 3.9162



6.8568, 10.6330, 25.7319



14.2753, 10.6330, 25.6263

Rectangle

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



14.2480, 10.6330, 3.8862



9.6437, 10.6330, 2.1626



6.8568, 10.6330, 25.7319



10.5835, 10.6330, 33.7387

Sweetspot

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



14.2482, 10.6336, 3.8864



38.0030, 37.2221, 33.5819



15.8385, 9.2273, 18.5569



8.5000, 8.2379, 7.2228



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.



14.2482, 10.6336, 3.8864



22.9145, 15.2640, 3.2149



18.6512, 19.4396, 5.3541



5.5138, 5.6339, 5.6862



10.6017, 6.3352, 0.6640



0.1169, 0.0917, 0.0115

Inverse Universe

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



12.7572, 15.7873, 28.7604



19.9880, 24.8145, 50.2742



8.3824, 7.0377, 27.3021



5.4454, 5.8866, 6.8780



9.0052, 10.9965, 24.6250



0.1038, 0.1405, 0.2413

Previews

White Background



This preview shows how the XYZ color 14.2480, 10.6330, 3.8862 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 14.2480, 10.6330, 3.8862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

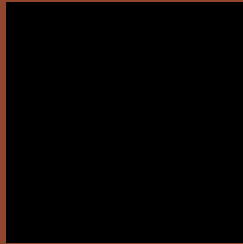
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2480, 10.6330, 3.8862

Background



This preview shows how black text looks on a background with the XYZ color 14.2480, 10.6330, 3.8862.



This preview shows how white text looks on a background with the XYZ color 14.2480, 10.6330,

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

14.2480, 10.6330, 3.8862

Protanopia

9.8366, 10.6780, 4.9108

Deuteranopia

10.8471, 10.7240, 3.6887



Tritanopia

14.9139, 10.6219, 7.3951

Trichromacy



Original Color

14.2480, 10.6330, 3.8862

Protanomaly

11.0822, 10.3528, 4.4318

Deuteranomaly

11.9108, 10.5690, 3.6977

Tritanomaly

14.7024, 10.6349, 5.9805

Monochromacy



Original Color

14.2480, 10.6330, 3.8862

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.7597, 9.9959, 7.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2480, 10.6330, 3.8862 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(144, 71, 46)` looks like.

```
.text, #text, p{  
    color:rgb(144, 71, 46)  
}
```

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(144, 71, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 71, 46) }
```

Border

The CSS property to change the border of an element to XYZ 14.2480, 10.6330, 3.8862 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(144, 71, 46) }
```


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

```
.border{ border-color:rgb(144, 71, 46) }
```

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

Here you see how a box with a 4 pixel rgb(144, 71, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 71, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 71, 46);  
box-shadow:4px 4px 4px 4px rgb(144, 71,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2480, 10.6330, 3.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 71, 46) }
```

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

```
.background{ background-color: rgb(144, 71,  
46) }
```

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