

Converting Colors

XYZ(14.2875, 13.8234, 10.1869)

Have a look what the booklet for
XYZ(14.2875, 13.8234, 10.1869)
contains.

XYZ(14.1916, 13.7592, 10.0914)	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(14.1916, 13.7592,
10.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6353
RGB	123, 99, 83
RGB Percent	48%, 39%, 33%
CMY	0.5176, 0.6118, 0.6745
CMYK	0.00, 0.20, 0.33, 0.52
HSL	24°, 19%, 40%
HSV	24°, 33%, 48%
XYZ	14.1916, 13.7592, 10.0914
YIQ	104.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

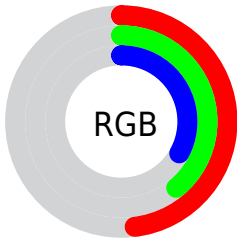
Format	Color
R_{YB}	123, 110, 83
Decimal	8086355
CIE _{Lab}	43.89, 7.13, 12.74
CIE _{LCh}	44, 14.601, 60.770
Yxy	13.7592, 0.3730, 0.3617
Android (android.graphics.Color)	4286276435 (0xFF7B6353)
YUV	104.3520, -10.5265, 16.3543
Hunter-Lab	37.0934, 3.3791, 9.8353




Details

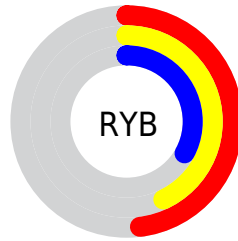
The XYZ color **14.1916, 13.7592, 10.0914** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4000, 13.7841, 20.7461**, and the grayscale version is **13.2765, 13.9680, 15.2111**.




A 20% lighter version of the original color is **33.0445, 32.7363, 26.7674**, and **4.3255, 4.0124, 2.3802** is the 20% darker color. If you saturate the color by 10%, you get **13.0909, 12.2514, 7.5858**, and if you desaturate by 10%, it is **15.4412, 15.4298, 13.0627**.

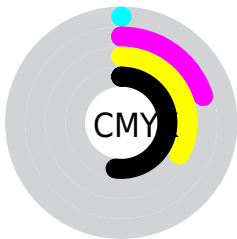
Distribution







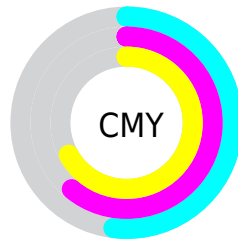
-  Red (48%)
-  Green (39%)
-  Blue (33%)






-  Red (48%)
-  Yellow (43%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (33%)
-  Black (52%)





-  Cyan (52%)
-  Magenta (61%)
-  Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1916, 13.7592, 10.0914 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 14.1916, 13.7592, 10.0914 by changing the saturation by 10% instead.


 14.1916, 13.7592,
10.0914


 14.1916, 13.7592,
10.0914


211.9064,
215.7276, 201.8316


 8.3366, 7.9534,
5.3532


 33.0120, 32.6612,
26.5778


 4.3647, 4.0651,
2.3936

 46.7082, 46.5261,
39.1630


 1.9105, 1.7101,
0.7830

 63.7489, 63.8461,
55.2011

 0.5829, 0.4302,
0.0000

 84.4993, 85.0058,
75.1104

 0.0000, 0.0000,
0.0000

 109.3250,
110.3893, 99.3096

138.5911,

140.3812, 128.2172

172.6631,
175.3659, 162.2517

■ 14.1916, 13.7592,
10.0914

■ 14.1916, 13.7592,
10.0914

■ 13.0909, 12.2514,
7.5858

■ 15.4412, 15.4298,
13.0627

■ 12.1318, 10.8993,
5.5210

■ 16.8445, 17.2662,
16.5211

■ 11.3081, 9.6980,
3.8711

■ 18.4071, 19.2737,
20.4878

■ 10.6125, 8.6417,
2.6070

■ 20.1343, 21.4568,
24.9823

■ 10.0370, 7.7239,
1.6959

■ 22.0309, 23.8199,
30.0233

■ 9.5722, 6.9378,
1.0988

■ 24.1016, 26.3672,
35.6284

■ 9.2755, 6.4251,
0.7513

■ 26.3510, 29.1026,
41.8144

■ 28.7833, 32.0300,
48.5975

■ 31.4028, 35.1532,
55.9933

Harmonies

Analogous

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



15.0787, 13.7592, 11.9595



14.1916, 13.7592, 10.0914



13.0479, 13.7592, 9.4826

Triad

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



14.1916, 13.7592, 10.0914



10.9818, 13.7592, 15.0670



14.2462, 13.7592, 21.1328

Complementary

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



14.1916, 13.7592, 10.0914



12.4000, 13.7841, 20.7461

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.



13.1075, 13.7592, 22.2774



14.1916, 13.7592, 10.0914



11.2621, 13.7592, 18.4738

Square

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



14.1916, 13.7592, 10.0914



11.2351, 13.7592, 12.0872



12.0237, 13.7592, 21.2403



15.1115, 13.7592, 18.3043

Rectangle

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



14.1916, 13.7592, 10.0914



12.3064, 13.7592, 9.7899



12.0237, 13.7592, 21.2403



13.8805, 13.7592, 21.7444

Sweetspot

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



14.1920, 13.7598, 10.0917



30.7749, 31.7094, 31.1191



13.9156, 11.4592, 15.3885



7.1740, 7.3725, 7.1430



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1920, 13.7598, 10.0917



23.9226, 22.6039, 14.6565



16.3267, 18.0293, 10.8033



4.1177, 4.2538, 4.2285



9.5903, 6.6364, 0.7755



44.9614, 30.0863, 3.4375

Inverse Universe

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



12.4000, 13.7841, 20.7461



20.1846, 22.6488, 36.8644



10.5508, 10.0856, 20.1297



3.9789, 4.2560, 5.0550



6.2119, 6.5063, 20.3137



28.7818, 29.3362, 96.6153

Previews

White Background



This preview shows how the XYZ color 14.1916, 13.7592, 10.0914 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 14.1916, 13.7592, 10.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

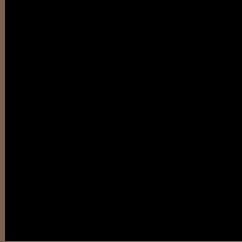
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1916, 13.7592, 10.0914

Background



This preview shows how black text looks on a background with the XYZ color 14.1916, 13.7592, 10.0914.



This preview shows how white text looks on a background with the XYZ color 14.1916, 13.7592,

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

14.1916, 13.7592, 10.0914

Protanopia

13.0204, 13.8715, 10.5855

Deuteranopia

14.0037, 13.8038, 10.1099



Tritanopia

15.1390, 13.7252, 14.9480

Trichromacy



Original Color

14.1916, 13.7592, 10.0914

Protanomaly

13.4218, 13.7877, 10.3414

Deuteranomaly

14.1445, 13.8765, 10.1165

Tritanomaly

14.6982, 13.6790, 12.9320

Monochromacy



Original Color

14.1916, 13.7592, 10.0914

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4182, 13.7268, 13.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1916, 13.7592, 10.0914 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(123, 99, 83)` looks like.

```
.text, #text, p{  
    color:rgb(123, 99, 83)  
}
```

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(123, 99, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 99, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.1916, 13.7592, 10.0914 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(123, 99, 83) }
```


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

```
.border{ border-color:rgb(123, 99, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 99, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 99, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 99, 83);  
box-shadow:4px 4px 4px 4px rgb(123, 99,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1916, 13.7592, 10.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 99, 83) }
```

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

```
.background{ background-color: rgb(123, 99, 83) }
```

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