

Converting Colors

XYZ(14.0370, 13.5852, 3.8284)

Have a look what the booklet for
XYZ(14.0370, 13.5852, 3.8284)
contains.

XYZ(14.0010, 13.5212, 3.7914)	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(14.0010, 13.5212,
3.7914)**

Conversions

Conversions Part 1

Format	Color
Hex	836127
RGB	131, 97, 39
RGB Percent	51%, 38%, 15%
CMY	0.4863, 0.6196, 0.8471
CMYK	0.00, 0.26, 0.70, 0.49
HSL	38°, 54%, 33%
HSV	38°, 70%, 51%
XYZ	14.0010, 13.5212, 3.7914
YIQ	100.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

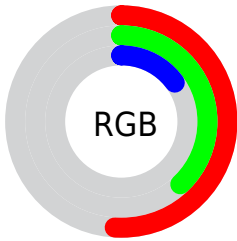
Format	Color
RYB	93, 131, 39
Decimal	8610087
CIELab	43.54, 7.43, 37.34
CIELCh	44, 38.075, 78.741
Yxy	13.5212, 0.4471, 0.4318
Android (android.graphics.Color)	4286800167 (0xFF836127)
YUV	100.5540, -30.3461, 26.7011
Hunter-Lab	36.7712, 3.6161, 19.6266

Details

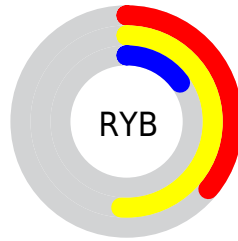
The XYZ color **14.0010, 13.5212, 3.7914** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.3159, 6.8349, 22.4063**, and the grayscale version is **12.3237, 12.9655, 14.1194**.

A 20% lighter version of the original color is **32.6475, 32.1204, 13.4960**, and **4.3257, 3.9874, 0.5416** is the 20% darker color. If you saturate the color by 10%, you get **13.3867, 12.5820, 2.6946**, and if you desaturate by 10%, it is **14.7183, 14.5464, 5.2929**.

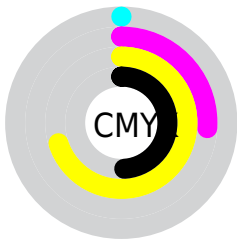
Distribution



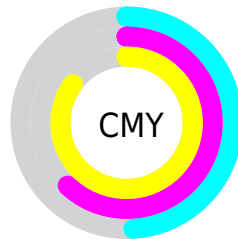
- Red (51%)
- Green (38%)
- Blue (15%)



- Red (36%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (26%)
- Yellow (70%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0010, 13.5212, 3.7914 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 14.0010, 13.5212, 3.7914 by changing the saturation by 10% instead.

■ 14.0010, 13.5212,
3.7914

■ 14.0010, 13.5212,
3.7914

210.7475,
214.2315, 145.8778

■ 8.2031, 7.7884,
1.5116

■ 32.6771, 32.2370,
13.5257

■ 4.2781, 3.9599,
0.2266

■ 46.2859, 45.9888,
21.8174

■ 1.8606, 1.6511,
0.0000

■ 63.2291, 63.1825,
32.9500

■ 0.5538, 0.3917,
0.0000

■ 83.8719, 84.2023,
47.3423

■ 0.0000, 0.0000,
0.0000

■ 108.5799,
109.4327, 65.4126

■ 137.7182,

139.2581, 87.5796

171.6523,
174.0629, 114.2618

■ 14.0010, 13.5212,
3.7914

■ 14.0010, 13.5212,
3.7914

■ 13.3867, 12.5820,
2.6946

■ 14.7183, 14.5464,
5.2929

■ 12.8657, 11.7225,
1.9587

■ 15.5450, 15.6592,
7.2350

■ 12.4221, 10.9495,
1.4587

■ 16.4881, 16.8637,
9.6506

■ 17.5535, 18.1631,
12.5693

■ 18.7470, 19.5603,
16.0182

■ 20.0735, 21.0580,
20.0224

■ 21.5380, 22.6588,
24.6053

■ 23.1452, 24.3653,
29.7893

■ 24.8992, 26.1798,
35.5952

Harmonies

Analogous

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



17.0049, 13.5212, 5.5219



14.0010, 13.5212, 3.7914



11.0999, 13.5212, 4.0198

Triad

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



14.0010, 13.5212, 3.7914



8.1600, 13.5212, 20.6379



17.6490, 13.5212, 28.3839

Complementary

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



14.0010, 13.5212, 3.7914



7.3159, 6.8349, 22.4063

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.



14.7783, 13.5212, 36.3232



14.0010, 13.5212, 3.7914



9.4363, 13.5212, 30.7904

Square

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



14.0010, 13.5212, 3.7914



8.0181, 13.5212, 11.7498



11.7667, 13.5212, 37.3428



19.3176, 13.5212, 18.1581

Rectangle

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



14.0010, 13.5212, 3.7914



9.5939, 13.5212, 5.2847



11.7667, 13.5212, 37.3428



16.7739, 13.5212, 31.5534

Sweetspot

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



14.0013, 13.5219, 3.7917



33.2904, 34.7043, 27.8551



11.3307, 6.7745, 7.2364



7.6311, 7.9412, 6.1354



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.0013, 13.5219, 3.7917



23.4206, 21.6357, 3.9991



16.2653, 20.3912, 4.9982



4.8989, 5.1414, 4.9636



12.2303, 10.7833, 1.4368



0.0494, 0.0514, 0.0073

Inverse Universe

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



7.3159, 6.8349, 22.4063



10.6930, 8.9636, 39.6197



6.1247, 3.7612, 21.8758



4.5650, 4.8056, 5.8877



5.0919, 3.7316, 21.5886



0.0242, 0.0260, 0.0770

Previews

White Background



This preview shows how the XYZ color 14.0010, 13.5212, 3.7914 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 14.0010, 13.5212, 3.7914 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 14.0010, 13.5212, 3.7914

Background



This preview shows how black text looks on a background with the XYZ color 14.0010, 13.5212, 3.7914.



This preview shows how white text looks on a background with the XYZ color 14.0010, 13.5212,

3.7914.

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

14.0010, 13.5212, 3.7914

Protanopia

12.3207, 13.5054, 4.0553

Deuteranopia

13.7872, 13.5490, 3.8080



Tritanopia

15.9374, 13.5149, 13.3239

Trichromacy



Original Color

14.0010, 13.5212, 3.7914

Protanomaly

12.9218, 13.5255, 3.9371

Deuteranomaly

13.9398, 13.6277, 3.8152

Tritanomaly

15.0854, 13.4329, 8.8189

Monochromacy



Original Color

14.0010, 13.5212, 3.7914

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6144, 13.1091, 9.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0010, 13.5212, 3.7914 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(131, 97, 39)` looks like.

```
.text, #text, p{  
    color:rgb(131, 97, 39)  
}
```

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(131, 97, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 97, 39) }
```

Border

The CSS property to change the border of an element to XYZ 14.0010, 13.5212, 3.7914 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(131, 97, 39) }
```


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

```
.border{ border-color:rgb(131, 97, 39) }
```

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

Here you see how a box with a 4 pixel rgb(131, 97, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 97, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 97, 39);  
box-shadow:4px 4px 4px 4px rgb(131, 97,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0010, 13.5212, 3.7914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 97, 39) }
```

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

```
.background{ background-color: rgb(131, 97,  
39) }
```

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