

Converting Colors

XYZ(15.0018, 14.3394, 3.8172)

Have a look what the booklet for
XYZ(15.0018, 14.3394, 3.8172)
contains.

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Color

**XYZ(14.9650, 14.2979,
3.8047)**

Conversions

Conversions Part 1

Format	Color
Hex	886326
RGB	136, 99, 38
RGB Percent	53%, 39%, 15%
CMY	0.4667, 0.6117, 0.8510
CMYK	0.00, 0.27, 0.72, 0.47
HSL	37°, 56%, 34%
HSV	37°, 72%, 53%
XYZ	14.9650, 14.2979, 3.8047
YIQ	103.1090, 41.6330, -11.1270

Conversions

Conversions Part 2

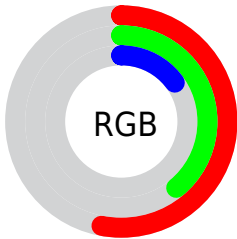
Format	Color
R_{YB}	97, 136, 38
Decimal	8938278
CIE Lab	44.66, 8.54, 39.20
CIE LCh	45, 40.115, 77.711
Yxy	14.2979, 0.4526, 0.4324
Android (android.graphics.Color)	4287128358 (0xFF886326)
YUV	103.1090, -32.0987, 28.8454
Hunter-Lab	37.8126, 4.4726, 20.5030

Details

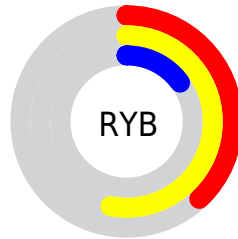
The XYZ color **14.9650, 14.2979, 3.8047** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.7591, 7.2213, 24.2772**, and the grayscale version is **12.9959, 13.6727, 14.8896**.

A 20% lighter version of the original color is **34.3243, 33.6910, 13.4980**, and **4.8404, 4.3852, 0.5913** is the 20% darker color. If you saturate the color by 10%, you get **14.3135, 13.2841, 2.6959**, and if you desaturate by 10%, it is **15.7284, 15.4070, 5.3468**.

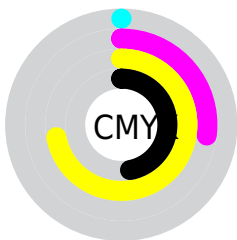
Distribution



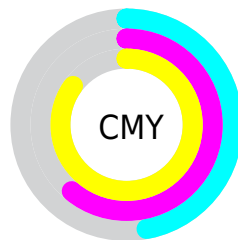
- Red (53%)
- Green (39%)
- Blue (15%)



- Red (38%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (72%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9650, 14.2979, 3.8047 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 14.9650, 14.2979, 3.8047 by changing the saturation by 10% instead.

■ 14.9650, 14.2979,
3.8047

■ 14.9650, 14.2979,
3.8047

216.5469,
219.0763, 146.0292

■ 8.8810, 8.3282,
1.5188

■ 34.3639, 33.6167,
13.5568

■ 4.7201, 4.3056,
0.2319

■ 48.4095, 47.7345,
21.8601

■ 2.1171, 1.8460,
0.0000

■ 65.8397, 65.3371,
33.0062

■ 0.6985, 0.5156,
0.0000

■ 87.0199, 86.8090,
47.4138

■ 0.0000, 0.0000,
0.0000

■ 112.3153,
112.5344, 65.5014

■ 142.0914,

142.8978, 87.6874

176.7134,
178.2837, 114.3905

■ 14.9650, 14.2979,
3.8047

■ 14.9650, 14.2979,
3.8047

■ 14.3135, 13.2841,
2.6959

■ 15.7284, 15.4070,
5.3468

■ 13.7629, 12.3588,
1.9707

■ 16.6109, 16.6137,
7.3629

■ 13.3749, 11.6775,
1.5491

■ 17.6205, 17.9223,
9.8899

■ 18.7639, 19.3366,
12.9607

■ 20.0473, 20.8598,
16.6056

■ 21.4764, 22.4950,
20.8526

■ 23.0567, 24.2452,
25.7276

■ 24.7934, 26.1131,
31.2554

■ 26.6911, 28.1016,
37.4591

Harmonies

Analogous

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



18.2481, 14.2979, 5.7203



14.9650, 14.2979, 3.8047



11.7742, 14.2979, 3.9788

Triad

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



14.9650, 14.2979, 3.8047



8.4595, 14.2979, 21.6787



18.7622, 14.2979, 31.0006

Complementary

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



14.9650, 14.2979, 3.8047



7.7591, 7.2213, 24.2772

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.



15.5829, 14.2979, 39.6282



14.9650, 14.2979, 3.8047



9.8004, 14.2979, 32.9365

Square

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



14.9650, 14.2979, 3.8047



8.3483, 14.2979, 12.0580



12.3014, 14.2979, 40.4517



20.6636, 14.2979, 19.7005

Rectangle

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



14.9650, 14.2979, 3.8047



10.1114, 14.2979, 5.2614



12.3014, 14.2979, 40.4517



17.7863, 14.2979, 34.4755

Sweetspot

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



14.9653, 14.2986, 3.8050



35.2297, 36.6451, 28.9740



12.1359, 7.1363, 7.4966



8.0332, 8.3394, 6.3475



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.9653, 14.2986, 3.8050



24.6409, 22.4453, 3.9327



17.5482, 22.0754, 5.1699



5.2751, 5.5330, 5.3423



12.6682, 11.0708, 1.4692



0.0983, 0.1018, 0.0145

Inverse Universe

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



7.7591, 7.2213, 24.2772



11.2224, 9.3325, 42.2582



6.4247, 3.8277, 23.6925



4.9193, 5.1816, 6.3467



5.3491, 3.9685, 22.5298



0.0488, 0.0530, 0.1541

Previews

White Background



This preview shows how the XYZ color 14.9650, 14.2979, 3.8047 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 14.9650, 14.2979, 3.8047 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 14.9650, 14.2979, 3.8047

Background



This preview shows how black text looks on a background with the XYZ color 14.9650, 14.2979, 3.8047.



This preview shows how white text looks on a background with the XYZ color 14.9650, 14.2979,

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

14.9650, 14.2979, 3.8047

Protanopia

13.0083, 14.3128, 4.0845

Deuteranopia

14.5033, 14.3465, 3.7550



Tritanopia

17.0298, 14.3243, 13.9239

Trichromacy



Original Color

14.9650, 14.2979, 3.8047

Protanomaly

13.6739, 14.2070, 3.9410

Deuteranomaly

14.5640, 14.2345, 3.7302

Tritanomaly

16.0792, 14.2092, 8.9164

Monochromacy



Original Color

14.9650, 14.2979, 3.8047

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2329, 13.7121, 9.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9650, 14.2979, 3.8047 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(136, 99, 38)` looks like.

```
.text, #text, p{  
    color:rgb(136, 99, 38)  
}
```

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(136, 99, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 99, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.9650, 14.2979, 3.8047 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(136, 99, 38) }
```


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

```
.border{ border-color:rgb(136, 99, 38) }
```

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

Here you see how a box with a 4 pixel rgb(136, 99, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 99, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 99, 38);  
box-shadow:4px 4px 4px 4px rgb(136, 99,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9650, 14.2979, 3.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 99, 38) }
```

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

```
.background{ background-color: rgb(136, 99,  
38) }
```

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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