

Converting Colors

XYZ(14.6003, 14.3778, 3.8838)

Have a look what the booklet for
XYZ(14.6003, 14.3778, 3.8838)
contains.

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Color

**XYZ(14.6928, 14.4404,
3.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	856527
RGB	133, 101, 39
RGB Percent	52%, 40%, 15%
CMY	0.4784, 0.6039, 0.8471
CMYK	0.00, 0.24, 0.71, 0.48
HSL	40°, 55%, 34%
HSV	40°, 71%, 52%
XYZ	14.6928, 14.4404, 3.9323
YIQ	103.5000, 38.9740, -12.4980

Conversions

Conversions Part 2

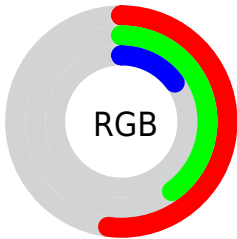
Format	Color
R_{YB}	88, 133, 39
Decimal	8742183
CIE Lab	44.86, 6.03, 38.82
CIE LCh	45, 39.284, 81.177
Yxy	14.4404, 0.4444, 0.4367
Android (android.graphics.Color)	4286932263 (0xFF856527)
YUV	103.5000, -31.7985, 25.8715
Hunter-Lab	38.0005, 2.5156, 20.4650

Details

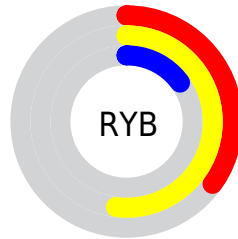
The XYZ color **14.6928, 14.4404, 3.9323** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.3235, 6.6310, 23.0842**, and the grayscale version is **13.0998, 13.7820, 15.0086**.

A 20% lighter version of the original color is **33.9348, 33.9634, 13.7839**, and **4.6745, 4.4379, 0.6102** is the 20% darker color. If you saturate the color by 10%, you get **14.0825, 13.5127, 2.8259**, and if you desaturate by 10%, it is **15.4053, 15.4488, 5.4545**.

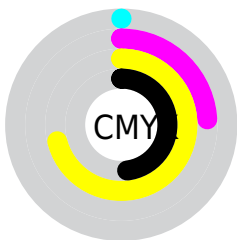
Distribution



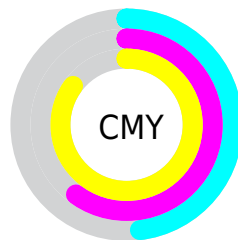
- Red (52%)
- Green (40%)
- Blue (15%)



- Red (35%)
- Yellow (52%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (71%)
- Black (48%)





- Cyan (48%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6928, 14.4404, 3.9323 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 14.6928, 14.4404, 3.9323 by changing the saturation by 10% instead.


 14.6928, 14.4404,
3.9323


 14.6928, 14.4404,
3.9323


214.9247,
219.9536, 147.4699


 8.6890, 8.4276,
1.5883


 33.8895, 33.8684,
13.8533


 4.5944, 4.3698,
0.2824

 47.8130, 48.0525,
22.2674


 2.0436, 1.8825,
0.0000

 65.1072, 65.7290,
33.5419

 0.6583, 0.5378,
0.0000

 86.1373, 87.2825,
48.0954

 0.0000, 0.0000,
0.0000

 111.2687,
113.0973, 66.3464

 140.8669,

143.5578, 88.7135

175.2971,
179.0485, 115.6151

■ 14.6928, 14.4404,
3.9323

■ 14.6928, 14.4404,
3.9323

■ 14.0825, 13.5127,
2.8259

■ 15.4053, 15.4488,
5.4545

■ 13.5645, 12.6596,
2.0895

■ 16.2267, 16.5396,
7.4301

■ 13.1403, 11.9214,
1.6085

■ 17.1641, 17.7167,
9.8934

■ 18.2237, 18.9832,
12.8751

■ 19.4111, 20.3420,
16.4034

■ 20.7317, 21.7956,
20.5046

■ 22.1904, 23.3467,
25.2030

■ 23.7919, 24.9976,
30.5217

■ 25.5406, 26.7507,
36.4825

Harmonies

Analogous

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



17.9651, 14.4404, 5.5876



14.6928, 14.4404, 3.9323



11.6159, 14.4404, 4.3358

Triad

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



14.6928, 14.4404, 3.9323



8.7409, 14.4404, 23.0046



19.1115, 14.4404, 29.5959

Complementary

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



14.6928, 14.4404, 3.9323



7.3235, 6.6310, 23.0842

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.



16.0755, 14.4404, 38.6079



14.6928, 14.4404, 3.9323



10.2110, 14.4404, 33.8850

Square

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



14.6928, 14.4404, 3.9323



8.4891, 14.4404, 13.1672



12.8010, 14.4404, 40.4261



20.7646, 14.4404, 18.5902

Rectangle

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



14.6928, 14.4404, 3.9323



10.0525, 14.4404, 5.8249



12.8010, 14.4404, 40.4261



18.1984, 14.4404, 33.1125

Sweetspot

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



14.6931, 14.4411, 3.9326



34.5823, 36.2271, 28.8315



11.5649, 6.9043, 6.8371



7.6767, 8.0323, 6.1506



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.



14.6931, 14.4411, 3.9326



24.6202, 23.2275, 4.1636



16.3478, 20.8364, 5.0798



4.9098, 5.1631, 4.9672



12.5240, 11.3706, 1.5347



0.0502, 0.0530, 0.0076

Inverse Universe

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



7.3235, 6.6310, 23.0842



10.6047, 8.4462, 40.8097



6.4327, 3.9042, 22.6048



4.5545, 4.7846, 5.8842



4.9433, 3.4344, 21.5391



0.0234, 0.0244, 0.0767

Previews

White Background



This preview shows how the XYZ color 14.6928, 14.4404, 3.9323 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 14.6928, 14.4404, 3.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

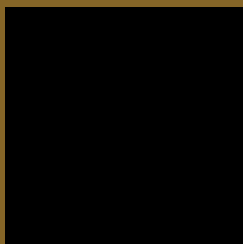
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6928, 14.4404, 3.9323

Background



This preview shows how black text looks on a background with the XYZ color 14.6928, 14.4404, 3.9323.



This preview shows how white text looks on a background with the XYZ color 14.6928, 14.4404,

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

14.6928, 14.4404, 3.9323

Protanopia

13.2657, 14.5974, 4.2162

Deuteranopia

14.6928, 14.4404, 3.9323



Tritanopia

16.8070, 14.4621, 14.4760

Trichromacy



Original Color

14.6928, 14.4404, 3.9323

Protanomaly

13.7468, 14.5414, 4.0897

Deuteranomaly

14.6928, 14.4404, 3.9323

Tritanomaly

15.8393, 14.3481, 9.3318

Monochromacy



Original Color

14.6928, 14.4404, 3.9323

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3684, 13.9245, 9.5725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6928, 14.4404, 3.9323 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(133, 101, 39)` looks like.

```
.text, #text, p{  
    color:rgb(133, 101, 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(133, 101, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 101, 39) }
```

Border

The CSS property to change the border of an element to XYZ 14.6928, 14.4404, 3.9323 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(133, 101, 39) }
```


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

```
.border{ border-color:rgb(133, 101, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 101, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 101, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 101, 39);  
box-shadow:4px 4px 4px 4px rgb(133, 101,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6928, 14.4404, 3.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 101, 39) }
```

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

```
.background{ background-color: rgb(133,  
101, 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](#).

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