

Converting Colors

XYZ(15.8876, 14.6185, 3.9568)

Have a look what the booklet for
XYZ(15.8876, 14.6185, 3.9568)
contains.

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Color

**XYZ(15.9060, 14.6393,
3.9948)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6228
RGB	142, 98, 40
RGB Percent	56%, 38%, 16%
CMY	0.4431, 0.6157, 0.8431
CMYK	0.00, 0.31, 0.72, 0.44
HSL	34°, 56%, 36%
HSV	34°, 72%, 56%
XYZ	15.9060, 14.6393, 3.9948
YIQ	104.5440, 44.8420, -8.7100

Conversions

Conversions Part 2

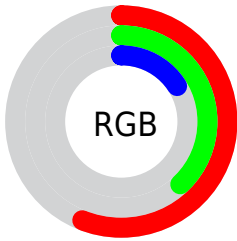
Format	Color
R_{YB}	117, 142, 40
Decimal	9331240
CIE _{Lab}	45.14, 12.02, 38.95
CIE _{LCh}	45, 40.762, 72.853
Yxy	14.6393, 0.4605, 0.4238
Android (android.graphics.Color)	4287521320 (0xFF8E6228)
YUV	104.5440, -31.8202, 32.8489
Hunter-Lab	38.2613, 7.2487, 20.5926

Details

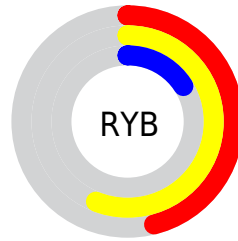
The XYZ color **15.9060, 14.6393, 3.9948** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9277, 8.7444, 26.8084**, and the grayscale version is **13.3790, 14.0758, 15.3285**.

A 20% lighter version of the original color is **36.0621, 34.3416, 13.9604**, and **5.2525, 4.5307, 0.5977** is the 20% darker color. If you saturate the color by 10%, you get **15.1562, 13.4577, 2.7645**, and if you desaturate by 10%, it is **16.7892, 15.9456, 5.7078**.

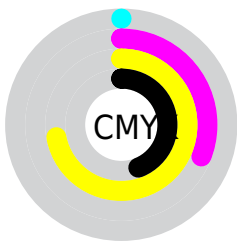
Distribution



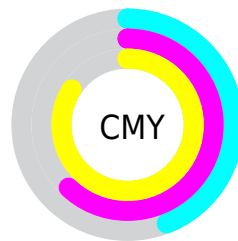
- Red (56%)
- Green (38%)
- Blue (16%)



- Red (46%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (72%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9060, 14.6393, 3.9948 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 15.9060, 14.6393, 3.9948 by changing the saturation by 10% instead.

■ 15.9060, 14.6393,
3.9948

■ 15.9060, 14.6393,
3.9948

222.0677,
221.1725, 148.1676

■ 9.5481, 8.5666,
1.6225

■ 35.9937, 34.2192,
13.9978

■ 5.1603, 4.4596,
0.3068

■ 50.4542, 48.4951,
22.4655

■ 2.3774, 1.9338,
0.0000

■ 68.3463, 66.2743,
33.8021

■ 0.8338, 0.5686,
0.0000

■ 90.0353, 87.9411,
48.4262

■ 0.0000, 0.0000,
0.0000

■ 115.8866,
113.8800, 66.7562

■ 146.2655,

144.4752, 89.2108

181.5374,
180.1112, 116.2084

■ 15.9060, 14.6393,
3.9948

■ 15.9060, 14.6393,
3.9948

■ 15.1562, 13.4577,
2.7645

■ 16.7892, 15.9456,
5.7078

■ 14.5274, 12.3926,
1.9615

■ 17.8143, 17.3797,
7.9490

■ 14.0791, 11.5984,
1.4967

■ 18.9904, 18.9474,
10.7595

■ 20.3253, 20.6532,
14.1760

■ 21.8261, 22.5014,
18.2322

■ 23.4995, 24.4959,
22.9592

■ 25.3519, 26.6407,
28.3861

■ 27.3892, 28.9392,
34.5403

■ 29.6170, 31.3952,
41.4477

Harmonies

Analogous

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



19.2048, 14.6393, 6.3807



15.9060, 14.6393, 3.9948



12.5267, 14.6393, 3.8539

Triad

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



15.9060, 14.6393, 3.9948



8.5207, 14.6393, 20.4173



18.7839, 14.6393, 33.7027

Complementary

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



15.9060, 14.6393, 3.9948



8.9277, 8.7444, 26.8084

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.



15.4005, 14.6393, 41.6198



15.9060, 14.6393, 3.9948



9.6971, 14.6393, 32.1143

Square

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



15.9060, 14.6393, 3.9948



8.6114, 14.6393, 11.0858



12.0961, 14.6393, 40.9435



21.0410, 14.6393, 22.0368

Rectangle

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



15.9060, 14.6393, 3.9948



10.6972, 14.6393, 4.9053



12.0961, 14.6393, 40.9435



17.7191, 14.6393, 37.0673

Sweetspot

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



15.9063, 14.6400, 3.9951



38.3136, 39.4674, 31.6679



13.5222, 7.9117, 9.2432



8.4151, 8.6417, 6.6825



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.9063, 14.6400, 3.9951



26.0417, 22.5885, 3.9475



20.0798, 24.6666, 5.7104



5.6473, 5.9010, 5.7307



12.6595, 10.4507, 1.3500



0.1430, 0.1438, 0.0202

Inverse Universe

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



8.9277, 8.7444, 26.8084



13.0142, 11.6315, 46.6871



6.8045, 4.0703, 26.0181



5.3089, 5.6136, 6.8325



5.9118, 4.8095, 23.5938



0.0777, 0.0884, 0.2326

Previews

White Background



This preview shows how the XYZ color 15.9060, 14.6393, 3.9948 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 15.9060, 14.6393, 3.9948 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 15.9060, 14.6393, 3.9948

Background



This preview shows how black text looks on a background with the XYZ color 15.9060, 14.6393, 3.9948.



This preview shows how white text looks on a background with the XYZ color 15.9060, 14.6393,

3.9948.

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

15.9060, 14.6393, 3.9948

Protanopia

13.3015, 14.6117, 4.4048

Deuteranopia

14.9491, 14.7176, 3.9723



Tritanopia

17.9333, 14.6661, 13.6900

Trichromacy



Original Color

15.9060, 14.6393, 3.9948

Protanomaly

14.1206, 14.5798, 4.2604

Deuteranomaly

15.3364, 14.7722, 3.9625

Tritanomaly

17.0549, 14.5752, 9.1221

Monochromacy



Original Color

15.9060, 14.6393, 3.9948

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7078, 13.9484, 9.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9060, 14.6393, 3.9948 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(142, 98, 40)` looks like.

```
.text, #text, p{  
    color:rgb(142, 98, 40)  
}
```

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(142, 98, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 98, 40) }
```

Border

The CSS property to change the border of an element to XYZ 15.9060, 14.6393, 3.9948 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(142, 98, 40) }
```


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

```
.border{ border-color:rgb(142, 98, 40) }
```

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

Here you see how a box with a 4 pixel rgb(142, 98, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 98, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 98, 40);  
box-shadow:4px 4px 4px 4px rgb(142, 98,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9060, 14.6393, 3.9948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 98, 40) }
```

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

```
.background{ background-color: rgb(142, 98,  
40) }
```

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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