

Converting Colors

XYZ(14.9792, 13.0340, 3.7519)

Have a look what the booklet for
XYZ(14.9792, 13.0340, 3.7519)
contains.

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Color

**XYZ(14.9399, 12.9607,
3.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5928
RGB	141, 89, 40
RGB Percent	55%, 35%, 16%
CMY	0.4471, 0.6510, 0.8431
CMYK	0.00, 0.37, 0.72, 0.45
HSL	29°, 56%, 35%
HSV	29°, 72%, 55%
XYZ	14.9399, 12.9607, 3.7217
YIQ	98.9620, 46.7210, -4.2150

Conversions

Conversions Part 2

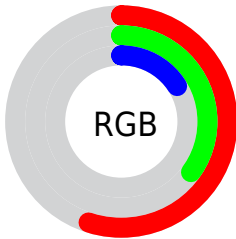
Format	Color
R _Y B	141, 135, 40
Decimal	9263400
CIE Lab	42.70, 16.81, 36.31
CIE LCh	43, 40.008, 65.162
Yxy	12.9607, 0.4724, 0.4099
Android (android.graphics.Color)	4287453480 (0xFF8D5928)
YUV	98.9620, -29.0683, 36.8673
Hunter-Lab	36.0010, 11.0733, 19.0714

Details

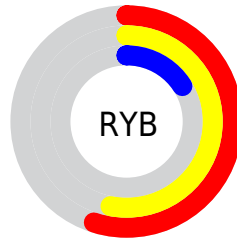
The XYZ color **14.9399, 12.9607, 3.7217** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.5097, 10.0279, 26.6335**, and the grayscale version is **11.9132, 12.5336, 13.6490**.

A 20% lighter version of the original color is **34.2828, 31.1756, 13.4431**, and **4.7944, 3.7540, 0.4719** is the 20% darker color. If you saturate the color by 10%, you get **14.1679, 11.7331, 2.4895**, and if you desaturate by 10%, it is **15.8596, 14.3438, 5.4352**.

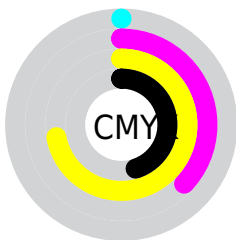
Distribution



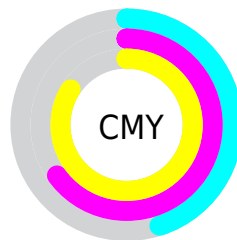
- Red (55%)
- Green (35%)
- Blue (16%)



- Red (55%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (72%)
- Black (45%)



- Cyan (45%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9399, 12.9607, 3.7217 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 14.9399, 12.9607, 3.7217 by changing the saturation by 10% instead.

■ 14.9399, 12.9607,
3.7217

■ 14.9399, 12.9607,
3.7217

216.3978,
210.6656, 145.0799

■ 8.8633, 7.4015,
1.4739

■ 34.3202, 31.2332,
13.3627

■ 4.7085, 3.7144,
0.1984

■ 48.3546, 44.7152,
21.5929

■ 2.1102, 1.5151,
0.0000

■ 65.7723, 61.6070,
32.6545

■ 0.6948, 0.2993,
0.0000

■ 86.9387, 82.2929,
46.9658

■ 0.0000, 0.0000,
0.0000

■ 112.2191,
107.1573, 64.9455

■ 141.9788,

136.5846, 87.0120

176.5832,
170.9593, 113.5840

■ 14.9399, 12.9607,
3.7217

■ 14.9399, 12.9607,
3.7217

■ 14.1679, 11.7331,
2.4895

■ 15.8596, 14.3438,
5.4352

■ 13.5310, 10.6515,
1.6843

■ 16.9363, 15.8872,
7.6750

■ 13.0765, 9.8468,
1.2114

■ 18.1795, 17.5976,
10.4813

■ 19.5974, 19.4808,
13.8907

■ 21.1977, 21.5423,
17.9361

■ 22.9877, 23.7873,
22.6485

■ 24.9741, 26.2205,
28.0565

■ 27.1632, 28.8468,
34.1872

■ 29.5611, 31.6706,
41.0662

Harmonies

Analogous

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



17.7399, 12.9607, 6.5021



14.9399, 12.9607, 3.7217



11.8005, 12.9607, 3.1456

Triad

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



14.9399, 12.9607, 3.7217



7.3675, 12.9607, 15.6717



15.9995, 12.9607, 32.6904

Complementary

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



14.9399, 12.9607, 3.7217



9.5097, 10.0279, 26.6335

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.



12.8520, 12.9607, 38.2010



14.9399, 12.9607, 3.7217



8.1326, 12.9607, 26.1094

Square

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



14.9399, 12.9607, 3.7217



7.7405, 12.9607, 8.1851



10.0237, 12.9607, 35.3976



18.4187, 12.9607, 22.3733

Rectangle

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



14.9399, 12.9607, 3.7217



9.9976, 12.9607, 3.7381



10.0237, 12.9607, 35.3976



14.9739, 12.9607, 35.3240

Sweetspot

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



14.9402, 12.9614, 3.7219



38.0166, 38.6485, 32.2621



13.6831, 7.9563, 10.9819



8.3308, 8.4280, 6.7935



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.



14.9402, 12.9614, 3.7219



24.6368, 19.7787, 3.4792



20.6460, 24.3729, 5.6239



5.6113, 5.8289, 5.7187



11.9392, 9.0101, 1.1099



0.1360, 0.1299, 0.0179

Inverse Universe

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



9.5097, 10.0279, 26.6335



14.2851, 14.1732, 47.1107



6.4996, 4.0078, 25.6302



5.3448, 5.6853, 6.8444



6.5475, 6.0811, 23.8058



0.0847, 0.1023, 0.2350

Previews

White Background



This preview shows how the XYZ color 14.9399, 12.9607, 3.7217 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 14.9399, 12.9607, 3.7217 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 14.9399, 12.9607, 3.7217

Background



This preview shows how black text looks on a background with the XYZ color 14.9399, 12.9607, 3.7217.



This preview shows how white text looks on a background with the XYZ color 14.9399, 12.9607,

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

14.9399, 12.9607, 3.7217

Protanopia

11.9184, 12.9999, 4.2639

Deuteranopia

13.1369, 12.9413, 3.6393



Tritanopia

16.5174, 13.0081, 11.3131

Trichromacy



Original Color

14.9399, 12.9607, 3.7217

Protanomaly

12.8791, 12.9348, 4.1034

Deuteranomaly

13.6406, 12.8005, 3.6713

Tritanomaly

15.8252, 12.9631, 7.7989

Monochromacy



Original Color

14.9399, 12.9607, 3.7217

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4068, 12.3119, 8.9303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9399, 12.9607, 3.7217 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(141, 89, 40)` looks like.

```
.text, #text, p{  
    color:rgb(141, 89, 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(141, 89, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 89, 40) }
```

Border

The CSS property to change the border of an element to XYZ 14.9399, 12.9607, 3.7217 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(141, 89, 40) }
```


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

```
.border{ border-color:rgb(141, 89, 40) }
```

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

Here you see how a box with a 4 pixel rgb(141, 89, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 89, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 89, 40);  
box-shadow:4px 4px 4px 4px rgb(141, 89,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9399, 12.9607, 3.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 89, 40) }
```

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

```
.background{ background-color: rgb(141, 89,  
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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