

Converting Colors

XYZ(15.7101, 14.3343, 6.9398)

Have a look what the booklet for
XYZ(15.7101, 14.3343, 6.9398)
contains.

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Color

**XYZ(15.7101, 14.3343,
6.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6141
RGB	138, 97, 65
RGB Percent	54%, 38%, 25%
CMY	0.4588, 0.6196, 0.7451
CMYK	0.00, 0.30, 0.53, 0.46
HSL	26°, 36%, 40%
HSV	26°, 53%, 54%
XYZ	15.7101, 14.3343, 6.9398
YIQ	105.6110, 34.7080, -1.2600

Conversions

Conversions Part 2

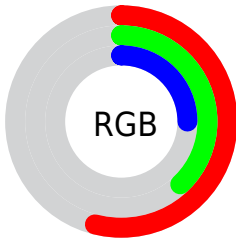
Format	Color
R_{YB}	138, 122, 65
Decimal	9068865
CIE _{Lab}	44.71, 12.72, 24.78
CIE _{LCh}	45, 27.856, 62.819
Yxy	14.3343, 0.4248, 0.3876
Android (android.graphics.Color)	4287258945 (0xFF8A6141)
YUV	105.6110, -20.0212, 28.4052
Hunter-Lab	37.8607, 7.8115, 15.6347

Details

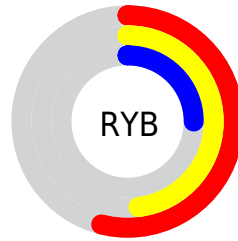
The XYZ color **15.7101, 14.3343, 6.9398** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.9213, 13.2664, 25.9772**, and the grayscale version is **13.6398, 14.3502, 15.6273**.

A 20% lighter version of the original color is **35.5629, 33.7095, 20.2550**, and **5.0655, 4.3531, 1.2827** is the 20% darker color. If you saturate the color by 10%, you get **14.6767, 12.8311, 4.8583**, and if you desaturate by 10%, it is **16.9118, 16.0180, 9.5596**.

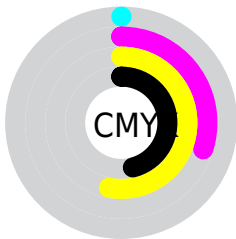
Distribution



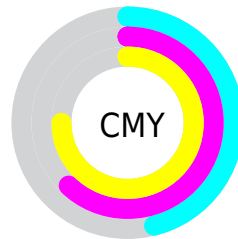
- Red (54%)
- Green (38%)
- Blue (25%)



- Red (54%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (30%)
- Yellow (53%)
- Black (46%)





- Cyan (46%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7101, 14.3343, 6.9398 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 15.7101, 14.3343, 6.9398 by changing the saturation by 10% instead.


 15.7101, 14.3343,
6.9398


 15.7101, 14.3343,
6.9398


220.9291,
219.3007, 176.7745


 9.4088, 8.3535,
3.3466


 35.6557, 33.6810,
20.3628


 5.0680, 4.3220,
1.2742

 50.0307, 47.8158,
31.0297


 2.3224, 1.8553,
0.0405

 67.8277, 65.4373,
44.8916

 0.8061, 0.5213,
0.0000

 89.4120, 86.9301,
62.3669

 0.0000, 0.0000,
0.0000

 115.1489,
112.6784, 83.8744

 145.4038,

143.0667, 109.8324

180.5421,
178.4793, 140.6596

■ 15.7101, 14.3343,
6.9398

■ 15.7101, 14.3343,
6.9398

■ 14.6767, 12.8311,
4.8583

■ 16.9118, 16.0180,
9.5596

■ 13.8015, 11.4993,
3.2756

■ 18.2893, 17.8864,
12.7520

■ 13.0743, 10.3322,
2.1478

■ 19.8508, 19.9464,
16.5491

■ 12.4833, 9.3215,
1.4227

■ 21.6034, 22.2037,
20.9805

■ 12.1234, 8.6875,
1.0379

■ 23.5540, 24.6637,
26.0738

■ 25.7092, 27.3318,
31.8551

■ 28.0751, 30.2130,
38.3488

■ 30.6575, 33.3121,
45.5784

■ 33.4623, 36.6338,
53.5661

Harmonies

Analogous

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



17.6178, 14.3343, 9.7811



15.7101, 14.3343, 6.9398



13.4114, 14.3343, 6.1767

Triad

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



15.7101, 14.3343, 6.9398



9.7242, 14.3343, 16.2286



16.1212, 14.3343, 28.5965

Complementary

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



15.7101, 14.3343, 6.9398



11.9213, 13.2664, 25.9772

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.



13.8395, 14.3343, 31.6551



15.7101, 14.3343, 6.9398



10.2851, 14.3343, 23.3824

Square

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



15.7101, 14.3343, 6.9398



10.1087, 14.3343, 10.5793



11.7318, 14.3343, 29.5241



17.8730, 14.3343, 22.0199

Rectangle

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



15.7101, 14.3343, 6.9398



12.0056, 14.3343, 6.7089



11.7318, 14.3343, 29.5241



15.3824, 14.3343, 30.1413

Sweetspot

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



15.7104, 14.3350, 6.9401



36.9769, 37.7275, 34.1621



14.9923, 10.2323, 14.9208



8.1718, 8.3053, 7.3534



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.



15.7104, 14.3350, 6.9401



25.6299, 22.2584, 8.1067



19.8413, 22.5966, 8.3170



5.2015, 5.3858, 5.3178



11.1295, 7.9934, 0.9563



0.0881, 0.0814, 0.0111

Inverse Universe

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



11.9213, 13.2664, 25.9772



18.2126, 20.1476, 45.3121



8.9494, 7.3226, 24.9865



4.9923, 5.3276, 6.3710



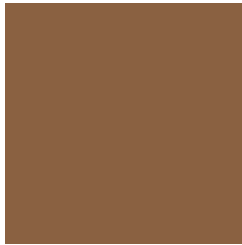
6.6862, 6.6428, 22.9755



0.0590, 0.0734, 0.1575

Previews

White Background



This preview shows how the XYZ color 15.7101, 14.3343, 6.9398 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 15.7101, 14.3343, 6.9398 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 15.7101, 14.3343, 6.9398

Background



This preview shows how black text looks on a background with the XYZ color 15.7101, 14.3343, 6.9398.



This preview shows how white text looks on a background with the XYZ color 15.7101, 14.3343,

6.9398.

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

15.7101, 14.3343, 6.9398

Protanopia

13.2677, 14.3703, 7.5433

Deuteranopia

14.6324, 14.3447, 6.8481



Tritanopia

17.1991, 14.4115, 13.9318

Trichromacy



Original Color

15.7101, 14.3343, 6.9398

Protanomaly

14.0317, 14.3167, 7.3340

Deuteranomaly

14.9983, 14.3900, 6.8375

Tritanomaly

16.5382, 14.2690, 10.8994

Monochromacy



Original Color

15.7101, 14.3343, 6.9398

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2098, 14.3074, 11.9102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7101, 14.3343, 6.9398 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(138, 97, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 97, 65)  
}
```

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(138, 97, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 97, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.7101, 14.3343, 6.9398 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(138, 97, 65) }
```


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

```
.border{ border-color:rgb(138, 97, 65) }
```

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

Here you see how a box with a 4 pixel rgb(138, 97, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 97, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 97, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 97,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7101, 14.3343, 6.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 97, 65) }
```

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

```
.background{ background-color: rgb(138, 97,  
65) }
```

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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