

Converting Colors

XYZ(14.7921, 10.5943, 14.0977)

Have a look what the booklet for
XYZ(14.7921, 10.5943, 14.0977)
contains.

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Color

**XYZ(14.7917, 10.5938,
14.0972)**

Conversions

Conversions Part 1

Format	Color
Hex	884667
RGB	136, 70, 103
RGB Percent	53%, 27%, 40%
CMY	0.4667, 0.7255, 0.5961
CMYK	0.00, 0.49, 0.24, 0.47
HSL	330°, 32%, 40%
HSV	330°, 49%, 53%
XYZ	14.7917, 10.5938, 14.0972
YIQ	93.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

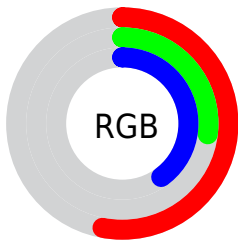
Format	Color
R_{YB}	136, 70, 103
Decimal	8930919
CIE _{Lab}	38.89, 32.36, -6.54
CIE _{LCh}	39, 33.015, 348.567
Yxy	10.5938, 0.3746, 0.2683
Android (android.graphics.Color)	4287120999 (0xFF884667)
YUV	93.4960, 4.6855, 37.2760
Hunter-Lab	32.5481, 24.1613, -2.8959

Details

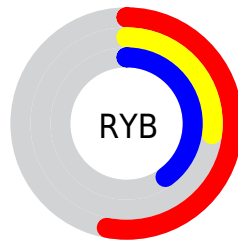
The XYZ color **14.7917, 10.5938, 14.0972** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.7786, 19.8900, 15.9458**, and the grayscale version is **10.5055, 11.0526, 12.0362**.

A 20% lighter version of the original color is **34.0351, 26.8424, 33.9591**, and **4.6381, 2.7067, 4.0194** is the 20% darker color. If you saturate the color by 10%, you get **13.7078, 8.9501, 12.1198**, and if you desaturate by 10%, it is **16.0967, 12.6350, 16.2855**.

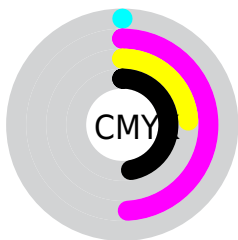
Distribution



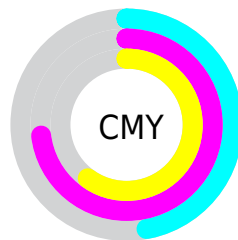
- Red (53%)
- Green (27%)
- Blue (40%)



- Red (53%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (47%)





- Cyan (47%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7917, 10.5938, 14.0972 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 14.7917, 10.5938, 14.0972 by changing the saturation by 10% instead.


 14.7917, 10.5938,
14.0972


 14.7917, 10.5938,
14.0972


215.5154,
194.8592, 229.2841


 8.7587, 5.7944,
8.0488


 34.0620, 26.9065,
33.9810

 4.6400, 2.7205,
4.0380

 48.0300, 39.1887,
48.6535

 2.0702, 0.9876,
1.6462

 65.3737, 54.7339,
67.0377

 0.6729, 0.0000,
0.3235

 86.4585, 73.9265,
89.5522

 0.0000, 0.0000,
0.0000

 111.6497, 97.1509,
116.6156

141.3127,

124.7916, 148.6463

175.8128,
157.2329, 186.0630

■ 14.7917, 10.5938,
14.0972

■ 14.7917, 10.5938,
14.0972

■ 13.7078, 8.9501,
12.1198

■ 16.0967, 12.6350,
16.2855

■ 12.8302, 7.6758,
10.3448

■ 17.6344, 15.0963,
18.6914

■ 12.1437, 6.7414,
8.7640

■ 19.4168, 18.0005,
21.3220

■ 11.6304, 6.1122,
7.3678

■ 21.4546, 21.3681,
24.1839

■ 11.2493, 5.7074,
6.1388

■ 23.7579, 25.2185,
27.2832

■ 11.1967, 5.6516,
5.9692

■ 26.3364, 29.5699,
30.6259

■ 29.1990, 34.4396,
34.2178

■ 32.3545, 39.8440,
38.0644

■ 35.8111, 45.7989,
42.1709

Harmonies

Analogous

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



13.5716, 10.5938, 21.5100



14.7917, 10.5938, 14.0972



14.6170, 10.5938, 8.1020

Triad

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



14.7917, 10.5938, 14.0972



8.7856, 10.5938, 3.4582



7.5293, 10.5938, 23.1597

Complementary

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



14.7917, 10.5938, 14.0972



13.7786, 19.8900, 15.9458

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.



6.5784, 10.5938, 15.8217



14.7917, 10.5938, 14.0972



7.2278, 10.5938, 5.2484

Square

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



14.7917, 10.5938, 14.0972



10.9280, 10.5938, 3.2870



6.4767, 10.5938, 9.3035



9.2564, 10.5938, 27.8752

Rectangle

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



14.7917, 10.5938, 14.0972



13.7377, 10.5938, 5.5268



6.4767, 10.5938, 9.3035



7.1197, 10.5938, 20.8168

Sweetspot

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



14.7920, 10.5943, 14.0974



35.3178, 33.5315, 39.1453



12.2281, 9.0420, 24.3935



8.0319, 7.5230, 8.8561



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.



14.7920, 10.5943, 14.0974



24.0319, 15.5870, 21.1180



13.4494, 10.0573, 7.0273



5.1303, 5.0876, 5.7747



10.6020, 5.3509, 5.6744



0.0778, 0.0385, 0.0766

Inverse Universe

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



14.7920, 10.5943, 14.0974



24.0319, 15.5870, 21.1180



15.7742, 20.6883, 26.4546



5.1303, 5.0876, 5.7747



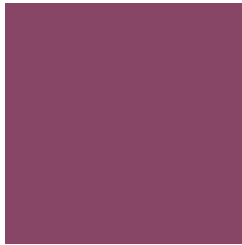
10.6020, 5.3509, 5.6744



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 14.7917, 10.5938, 14.0972 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 14.7917, 10.5938, 14.0972 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 14.7917, 10.5938, 14.0972

Background



This preview shows how black text looks on a background with the XYZ color 14.7917, 10.5938, 14.0972.



This preview shows how white text looks on a background with the XYZ color 14.7917, 10.5938,

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

14.7917, 10.5938, 14.0972

Protanopia

10.7897, 10.7450, 18.3349

Deuteranopia

10.9934, 10.8291, 13.5674



Tritanopia

13.7956, 10.6797, 8.9237

Trichromacy



Original Color

14.7917, 10.5938, 14.0972

Protanomaly

11.7268, 10.2994, 16.6992

Deuteranomaly

12.1243, 10.5708, 13.7133

Tritanomaly

14.1357, 10.6206, 10.5375

Monochromacy



Original Color

14.7917, 10.5938, 14.0972

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.7128, 10.6113, 12.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7917, 10.5938, 14.0972 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, 70, 103)` looks like.

```
.text, #text, p{  
    color:rgb(136, 70, 103)  
}
```

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, 70, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 70, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.7917, 10.5938, 14.0972 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, 70, 103) }
```


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

```
.border{ border-color:rgb(136, 70, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 70, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 70, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 70, 103);  
box-shadow:4px 4px 4px 4px rgb(136, 70,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7917, 10.5938, 14.0972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 70, 103) }
```

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

```
.background{ background-color: rgb(136, 70,  
103) }
```

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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