

Converting Colors

XYZ(14.1689, 10.5965, 14.2044)

Have a look what the booklet for
XYZ(14.1689, 10.5965, 14.2044)
contains.

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Color

**XYZ(14.1908, 10.5697,
14.1242)**

Conversions

Conversions Part 1

Format	Color
Hex	834967
RGB	131, 73, 103
RGB Percent	51%, 29%, 40%
CMY	0.4863, 0.7137, 0.5961
CMYK	0.00, 0.44, 0.21, 0.49
HSL	329°, 28%, 40%
HSV	329°, 44%, 51%
XYZ	14.1908, 10.5697, 14.1242
YIQ	93.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

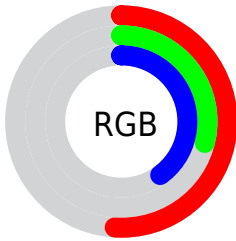
Format	Color
RYB	131, 73, 103
Decimal	8604007
CIELab	38.85, 28.85, -6.68
CIElCh	39, 29.611, 346.961
Yxy	10.5697, 0.3649, 0.2718
Android (android.graphics.Color)	4286794087 (0xFF834967)
YUV	93.7620, 4.5543, 32.6577
Hunter-Lab	32.5111, 21.0193, -3.0004

Details

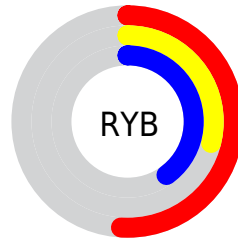
The XYZ color **14.1908, 10.5697, 14.1242** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.2134, 18.5889, 15.2044**, and the grayscale version is **10.5690, 11.1194, 12.1090**.

A 20% lighter version of the original color is **32.9233, 26.8133, 34.0121**, and **4.3915, 2.7298, 4.0368** is the 20% darker color. If you saturate the color by 10%, you get **13.1135, 8.9040, 12.2577**, and if you desaturate by 10%, it is **15.4740, 12.6086, 16.1780**.

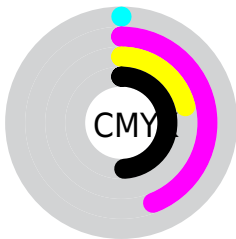
Distribution



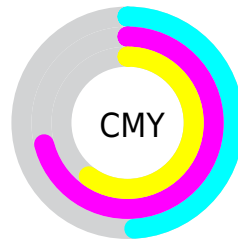
- Red (51%)
- Green (29%)
- Blue (40%)



- Red (51%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1908, 10.5697, 14.1242 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 14.1908, 10.5697, 14.1242 by changing the saturation by 10% instead.

14.1908, 10.5697,
14.1242

14.1908, 10.5697,
14.1242

211.9015,
194.6912, 229.4574

8.3361, 5.7783,
8.0674

33.0106, 26.8617,
34.0295

4.3643, 2.7107,
4.0497

46.7065, 39.1310,
48.7151

1.9103, 0.9827,
1.6526

63.7467, 54.6618,
67.1140

0.5828, 0.0000,
0.3280

84.4967, 73.8384,
89.6448

0.0000, 0.0000,
0.0000

109.3218, 97.0453,
116.7260

138.5874,

124.6668, 148.7761

172.6589,
157.0873, 186.2137

■ 14.1908, 10.5697,
14.1242

■ 14.1908, 10.5697,
14.1242

■ 13.1135, 8.9040,
12.2577

■ 15.4740, 12.6086,
16.1780

■ 12.2293, 7.5869,
10.5714

■ 16.9733, 15.0405,
18.4248

■ 11.5250, 6.5930,
9.0582

■ 18.6991, 17.8854,
20.8706

■ 10.9855, 5.8930,
7.7104

■ 20.6609, 21.1614,
23.5208

■ 10.5911, 5.4480,
6.5184

■ 22.8677, 24.8859,
26.3809

■ 10.3960, 5.2397,
5.8932

■ 25.3280, 29.0750,
29.4559

■ 28.0497, 33.7441,
32.7506

■ 31.0407, 38.9079,
36.2698

■ 34.3082, 44.5804,
40.0180

Harmonies

Analogous

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



13.0655, 10.5697, 20.5765



14.1908, 10.5697, 14.1242



14.1068, 10.5697, 8.6341

Triad

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



14.1908, 10.5697, 14.1242



8.9847, 10.5697, 3.9557



7.6838, 10.5697, 21.3567

Complementary

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



14.1908, 10.5697, 14.1242



13.2134, 18.5889, 15.2044

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.



6.8507, 10.5697, 14.9592



14.1908, 10.5697, 14.1242



7.5320, 10.5697, 5.5946

Square

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



14.1908, 10.5697, 14.1242



10.9222, 10.5697, 3.8625



6.7991, 10.5697, 9.2377



9.2183, 10.5697, 25.5807

Rectangle

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



14.1908, 10.5697, 14.1242



13.3745, 10.5697, 6.1553



6.7991, 10.5697, 9.2377



7.3216, 10.5697, 19.3097

Sweetspot

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



14.1911, 10.5702, 14.1244



33.8087, 32.5646, 37.8197



11.7427, 9.1176, 22.6137



7.7219, 7.3336, 8.5985



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.



14.1911, 10.5702, 14.1244



23.4921, 15.9582, 21.9665



13.0108, 10.0981, 7.9087



4.7656, 4.7259, 5.3782



10.2347, 5.1582, 5.8080



0.0391, 0.0193, 0.0395

Inverse Universe

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



14.1911, 10.5702, 14.1244



23.4921, 15.9582, 21.9665



14.8312, 19.2360, 23.7234



4.7656, 4.7259, 5.3782



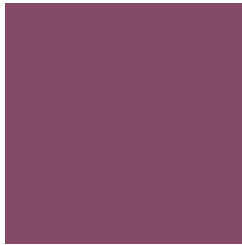
10.2347, 5.1582, 5.8080



0.0391, 0.0193, 0.0395

Previews

White Background



This preview shows how the XYZ color 14.1908, 10.5697, 14.1242 looks on a white background.

Color Contrast Check

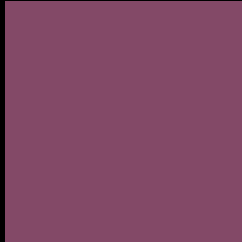
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1908, 10.5697, 14.1242 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 14.1908, 10.5697, 14.1242

Background



This preview shows how black text looks on a background with the XYZ color 14.1908, 10.5697, 14.1242.



This preview shows how white text looks on a background with the XYZ color 14.1908, 10.5697,

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

14.1908, 10.5697, 14.1242

Protanopia

10.6733, 10.6984, 17.7221

Deuteranopia

10.8024, 10.6062, 13.5345



Tritanopia

13.2685, 10.5994, 9.5302

Trichromacy



Original Color

14.1908, 10.5697, 14.1242

Protanomaly

11.5191, 10.3131, 16.4224

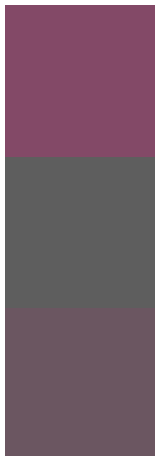
Deuteranomaly

11.7489, 10.3773, 13.6957

Tritanomaly

13.6358, 10.6529, 11.0104

Monochromacy



Original Color

14.1908, 10.5697, 14.1242

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.5489, 10.6444, 12.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1908, 10.5697, 14.1242 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(131, 73, 103)` looks like.

```
.text, #text, p{  
    color:rgb(131, 73, 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(131, 73, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 73, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.1908, 10.5697, 14.1242 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(131, 73, 103) }
```


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

```
.border{ border-color:rgb(131, 73, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 73, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 73, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 73, 103);  
box-shadow:4px 4px 4px 4px rgb(131, 73,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1908, 10.5697, 14.1242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 73, 103) }
```

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

```
.background{ background-color: rgb(131, 73,  
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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