

Converting Colors

XYZ(13.9648, 9.5441, 10.6058)

Have a look what the booklet for
XYZ(13.9648, 9.5441, 10.6058)
contains.

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Color

**XYZ(14.0070, 9.5698,
10.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3E59
RGB	138, 62, 89
RGB Percent	54%, 24%, 35%
CMY	0.4588, 0.7568, 0.6510
CMYK	0.00, 0.55, 0.36, 0.46
HSL	339°, 38%, 39%
HSV	339°, 55%, 54%
XYZ	14.0070, 9.5698, 10.5601
YIQ	87.8020, 36.6290, 24.5090

Conversions

Conversions Part 2

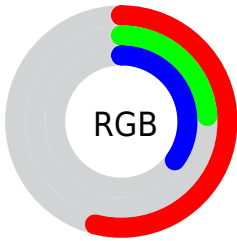
Format	Color
R_{YB}	138, 62, 89
Decimal	9059929
CIE _{Lab}	37.06, 35.40, -0.41
CIE _{LCh}	37, 35.402, 359.339
Yxy	9.5698, 0.4103, 0.2803
Android (android.graphics.Color)	4287250009 (0xFF8A3E59)
YUV	87.8020, 0.5906, 44.0236
Hunter-Lab	30.9351, 26.6860, 1.4151

Details

The XYZ color **14.0070, 9.5698, 10.5601** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.9448, 20.3490, 18.2329**, and the grayscale version is **9.2262, 9.7066, 10.5705**.

A 20% lighter version of the original color is **32.7025, 24.9218, 27.5129**, and **4.3095, 2.3302, 2.6055** is the 20% darker color. If you saturate the color by 10%, you get **12.9983, 8.1146, 8.4905**, and if you desaturate by 10%, it is **15.2520, 11.4252, 12.9315**.

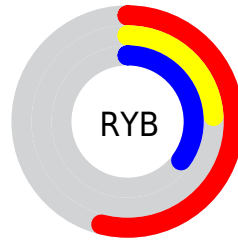
Distribution



Red (54%)

Green (24%)

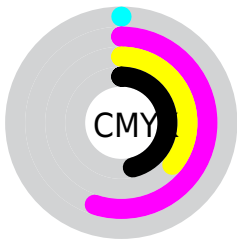
Blue (35%)



Red (54%)

Yellow (24%)

Blue (35%)

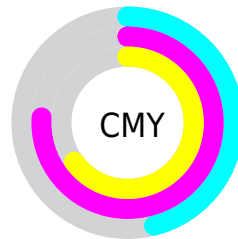


Cyan (0%)

Magenta (55%)

Yellow (36%)

Black (46%)



Cyan (46%)


Magenta (76%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0070, 9.5698, 10.5601 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 14.0070, 9.5698, 10.5601 by changing the saturation by 10% instead.


 14.0070, 9.5698,
10.5601


 14.0070, 9.5698,
10.5601


210.7841,
187.5735, 205.2521


 8.2073, 5.1147,
5.6614


 32.6876, 24.9831,
27.4679

 4.2808, 2.3147,
2.5749

 46.2992, 36.7101,
40.3141

 1.8622, 0.7815,
0.8795

 63.2454, 51.6299,
56.6466

 0.5547, 0.0000,
0.0000

 83.8917, 70.1267,
76.8839

 0.0000, 0.0000,
0.0000

 108.6034, 92.5851,
101.4446

 137.7457,

119.3895, 130.7472

171.6842,
150.9241, 165.2101

■ 14.0070, 9.5698,
10.5601

■ 14.0070, 9.5698,
10.5601

■ 12.9983, 8.1146,
8.4905

■ 15.2520, 11.4252,
12.9315

■ 12.2088, 7.0282,
6.7089

■ 16.7472, 13.7063,
15.6166

■ 11.6201, 6.2764,
5.2007

■ 18.5064, 16.4383,
18.6273

■ 11.2071, 5.8118,
3.9488

■ 20.5420, 19.6438,
21.9745

■ 11.0360, 5.6252,
3.4122

■ 22.8657, 23.3441,
25.6687

■ 25.4884, 27.5590,
29.7199

■ 28.4205, 32.3074,
34.1377

■ 31.6720, 37.6070,
38.9312

■ 35.2522, 43.4749,
44.1094

Harmonies

Analogous

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



13.2346, 9.5698, 17.8865



14.0070, 9.5698, 10.5601



13.2972, 9.5698, 5.5455

Triad

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



14.0070, 9.5698, 10.5601



7.1792, 9.5698, 3.0319



7.1073, 9.5698, 24.6742

Complementary

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



14.0070, 9.5698, 10.5601



13.9448, 20.3490, 18.2329

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.



5.8881, 9.5698, 17.5421



14.0070, 9.5698, 10.5601



5.9247, 9.5698, 5.3882

Square

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



14.0070, 9.5698, 10.5601



9.1446, 9.5698, 2.4006



5.4921, 9.5698, 10.2809



9.0472, 9.5698, 27.8008

Rectangle

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



14.0070, 9.5698, 10.5601



12.1350, 9.5698, 3.6736



5.4921, 9.5698, 10.2809



6.6118, 9.5698, 22.5540

Sweetspot

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



14.0073, 9.5703, 10.5603



35.3416, 33.2536, 37.3270



12.7575, 8.6044, 25.0331



7.7885, 7.2401, 8.1461



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.



14.0073, 9.5703, 10.5603



22.5524, 13.7988, 14.1859



13.6771, 10.4036, 5.8453



5.1015, 5.0760, 5.6229



10.1250, 5.1601, 3.1626



0.0738, 0.0369, 0.0553

Inverse Universe

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



14.0073, 9.5703, 10.5603



22.5524, 13.7988, 14.1859



14.2762, 18.2630, 26.8173



5.1015, 5.0760, 5.6229



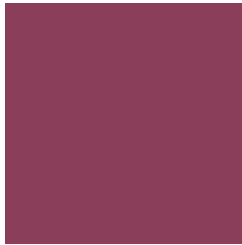
10.1250, 5.1601, 3.1626



0.0738, 0.0369, 0.0553

Previews

White Background



This preview shows how the XYZ color 14.0070, 9.5698, 10.5601 looks on a white background.

Color Contrast Check

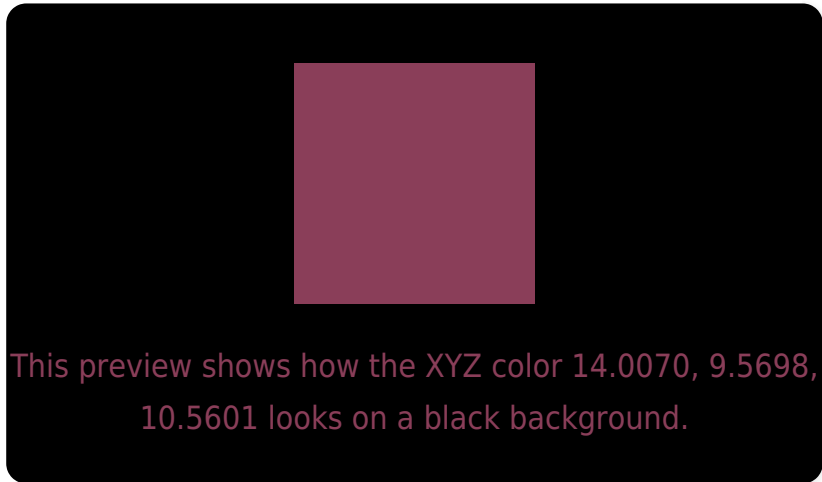
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

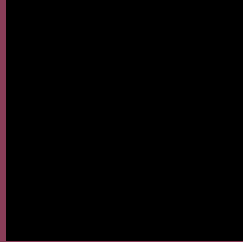
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0070, 9.5698, 10.5601

Background



This preview shows how black text looks on a background with the XYZ color 14.0070, 9.5698, 10.5601.



This preview shows how white text looks on a background with the XYZ color 14.0070, 9.5698,

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

14.0070, 9.5698, 10.5601

Protanopia

9.5630, 9.7007, 14.4651

Deuteranopia

9.8180, 9.6943, 9.9480



Tritanopia

13.2070, 9.5729, 6.9460

Trichromacy



Original Color

14.0070, 9.5698, 10.5601

Protanomaly

10.6854, 9.2927, 13.0349

Deuteranomaly

11.0157, 9.4244, 10.0426

Tritanomaly

13.5464, 9.6348, 8.1669

Monochromacy



Original Color

14.0070, 9.5698, 10.5601

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.5013, 9.3607, 10.4858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0070, 9.5698, 10.5601 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, 62, 89)` looks like.

```
.text, #text, p{  
    color:rgb(138, 62, 89)  
}
```

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, 62, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 62, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.0070, 9.5698, 10.5601 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, 62, 89) }
```


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

```
.border{ border-color:rgb(138, 62, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 62, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 62, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 62, 89);  
box-shadow:4px 4px 4px 4px rgb(138, 62,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0070, 9.5698, 10.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 62, 89) }
```

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

```
.background{ background-color: rgb(138, 62,  
89) }
```

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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