

Converting Colors

XYZ(14.0853, 9.7863, 8.4199)

Have a look what the booklet for
XYZ(14.0853, 9.7863, 8.4199)
contains.

XYZ(14.0238, 9.7923, 8.3587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.0238, 9.7923,
8.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	8C404E
RGB	140, 64, 78
RGB Percent	55%, 25%, 31%
CMY	0.4510, 0.7490, 0.6941
CMYK	0.00, 0.54, 0.44, 0.45
HSL	349°, 37%, 40%
HSV	349°, 54%, 55%
XYZ	14.0238, 9.7923, 8.3587
YIQ	88.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

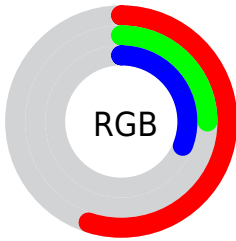
Format	Color
RYB	140, 64, 78
Decimal	9191502
CIELab	37.47, 33.75, 7.18
CIELCh	37, 34.503, 12.017
Yxy	9.7923, 0.4359, 0.3043
Android (android.graphics.Color)	4287381582 (0xFF8C404E)
YUV	88.3200, -5.0878, 45.3234
Hunter-Lab	31.2927, 25.2326, 6.0677

Details

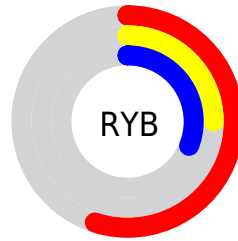
The XYZ color **14.0238, 9.7923, 8.3587** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.2589, 21.3528, 23.0573**, and the grayscale version is **9.3506, 9.8376, 10.7131**.

A 20% lighter version of the original color is **32.6130, 25.3027, 23.2437**, and **4.2835, 2.4080, 1.7524** is the 20% darker color. If you saturate the color by 10%, you get **12.9566, 8.2572, 6.1551**, and if you desaturate by 10%, it is **15.3609, 11.7532, 11.0034**.

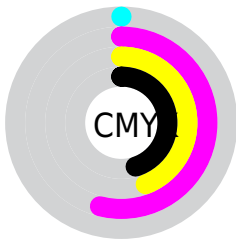
Distribution



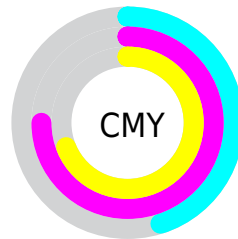
- Red (55%)
- Green (25%)
- Blue (31%)



- Red (55%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (44%)
- Black (45%)




- Cyan (45%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0238, 9.7923, 8.3587 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 14.0238, 9.7923, 8.3587 by changing the saturation by 10% instead.


 14.0238, 9.7923,
8.3587


 14.0238, 9.7923,
8.3587

210.8865,
189.1832, 188.5574


 8.2190, 5.2615,
4.2343


 32.7172, 25.4041,
23.2164


 4.2884, 2.4015,
1.7547

 46.3365, 37.2539,
34.7867


 1.8666, 0.8266,
0.3978

 63.2913, 52.3120,
49.6760

 0.5573, 0.0000,
0.0000

 83.9471, 70.9630,
68.3030

 0.0000, 0.0000,
0.0000

 108.6692, 93.5913,
91.0861

 137.8228,

120.5811, 118.4438

171.7735,
152.3169, 150.7947

■ 14.0238, 9.7923,
8.3587

■ 14.0238, 9.7923,
8.3587

■ 12.9566, 8.2572,
6.1551

■ 15.3609, 11.7532,
11.0034

■ 12.1396, 7.1148,
4.3677

■ 16.9841, 14.1670,
14.1112

■ 11.5519, 6.3293,
2.9697

■ 18.9092, 17.0602,
17.7032

■ 11.1671, 5.8552,
1.9306

■ 21.1506, 20.4568,
21.7990

■ 10.9993, 5.6491,
1.4753

■ 23.7218, 24.3792,
26.4172

■ 26.6355, 28.8485,
31.5754

■ 29.9038, 33.8847,
37.2903

■ 33.5380, 39.5065,
43.5781

■ 37.5492, 45.7321,
50.4541

Harmonies

Analogous

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



13.8763, 9.7923, 14.8017



14.0238, 9.7923, 8.3587



12.7712, 9.7923, 4.4886

Triad

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



14.0238, 9.7923, 8.3587



6.7803, 9.7923, 4.0118



8.0755, 9.7923, 26.5839

Complementary

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



14.0238, 9.7923, 8.3587



15.2589, 21.3528, 23.0573

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.



6.5343, 9.7923, 20.8508



14.0238, 9.7923, 8.3587



5.8706, 9.7923, 7.3768

Square

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



14.0238, 9.7923, 8.3587



8.4638, 9.7923, 2.7162



5.7882, 9.7923, 13.3541



10.2051, 9.7923, 27.1812

Rectangle

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



14.0238, 9.7923, 8.3587



11.4097, 9.7923, 3.1993



5.7882, 9.7923, 13.3541



7.4805, 9.7923, 25.1137

Sweetspot

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



14.0241, 9.7928, 8.3589



36.4308, 34.7615, 36.8748



14.9957, 9.9057, 25.9327



8.2262, 7.7544, 8.1904



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.



14.0241, 9.7928, 8.3589



22.5070, 14.0822, 10.1348



15.1331, 12.7302, 6.5107



5.0681, 5.0627, 5.4469



9.7791, 5.0218, 1.3412



0.0690, 0.0350, 0.0301

Inverse Universe

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



14.0241, 9.7928, 8.3589



22.5070, 14.0822, 10.1348



13.2331, 15.7532, 27.1542



5.0681, 5.0627, 5.4469



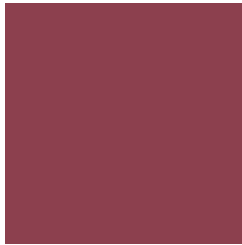
9.7791, 5.0218, 1.3412



0.0690, 0.0350, 0.0301

Previews

White Background



This preview shows how the XYZ color 14.0238, 9.7923, 8.3587 looks on a white background.

Color Contrast Check

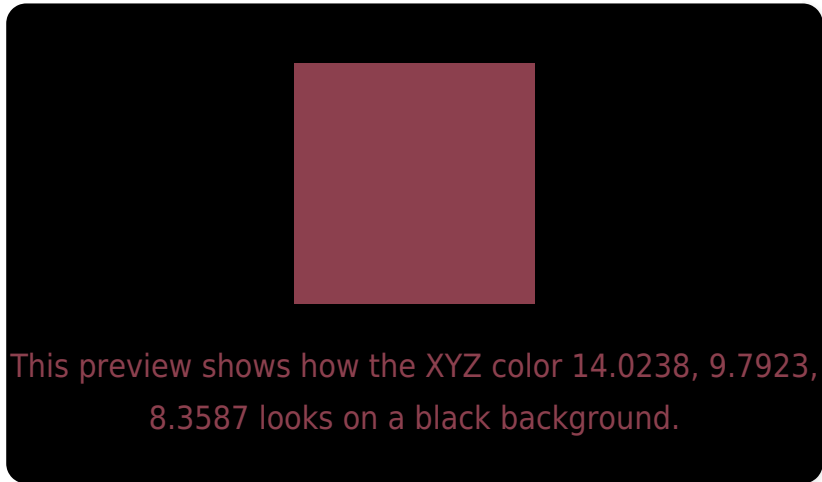
Large Text (above 18pt) WCAG AA ✓ Pass

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

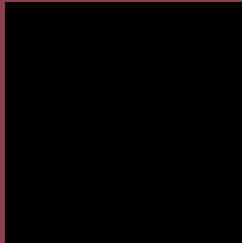
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0238, 9.7923, 8.3587

Background



This preview shows how black text looks on a background with the XYZ color 14.0238, 9.7923, 8.3587.



This preview shows how white text looks on a background with the XYZ color 14.0238, 9.7923,

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

14.0238, 9.7923, 8.3587

Protanopia

9.5945, 9.9084, 11.3044

Deuteranopia

9.9980, 9.8298, 8.0270



Tritanopia

13.6432, 9.7118, 6.9498

Trichromacy



Original Color

14.0238, 9.7923, 8.3587

Protanomaly

10.6600, 9.4520, 10.0667

Deuteranomaly

11.1608, 9.5426, 8.0911

Tritanomaly

13.7404, 9.7506, 7.4612

Monochromacy



Original Color

14.0238, 9.7923, 8.3587

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.4596, 9.3579, 9.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0238, 9.7923, 8.3587 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(140, 64, 78)` looks like.

```
.text, #text, p{  
    color:rgb(140, 64, 78)  
}
```

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(140, 64, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 64, 78) }
```

Border

The CSS property to change the border of an element to XYZ 14.0238, 9.7923, 8.3587 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(140, 64, 78) }
```


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

```
.border{ border-color:rgb(140, 64, 78) }
```

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

Here you see how a box with a 4 pixel rgb(140, 64, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 64, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 64, 78);  
box-shadow:4px 4px 4px 4px rgb(140, 64,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0238, 9.7923, 8.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 64, 78) }
```

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

```
.background{ background-color: rgb(140, 64,  
78) }
```

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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