

Converting Colors

XYZ(13.8318, 9.3405, 7.0563)

Have a look what the booklet for
XYZ(13.8318, 9.3405, 7.0563)
contains.

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Color

**XYZ(13.8566, 9.3336,
7.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3B47
RGB	142, 59, 71
RGB Percent	56%, 23%, 28%
CMY	0.4431, 0.7686, 0.7216
CMYK	0.00, 0.58, 0.50, 0.44
HSL	351°, 41%, 39%
HSV	351°, 58%, 56%
XYZ	13.8566, 9.3336, 7.0325
YIQ	85.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

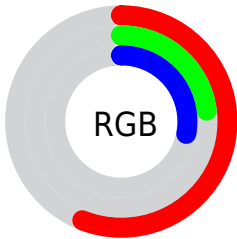
Format	Color
R_{YB}	142, 59, 71
Decimal	9321287
CIE _{Lab}	36.62, 36.35, 10.48
CIE _{LCh}	37, 37.829, 16.080
Yxy	9.3336, 0.4585, 0.3088
Android (android.graphics.Color)	4287511367 (0xFF8E3B47)
YUV	85.1850, -6.9932, 49.8268
Hunter-Lab	30.5509, 27.4958, 7.7377

Details

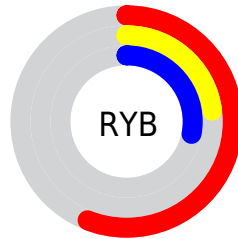
The XYZ color **13.8566, 9.3336, 7.0325** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.5064, 21.8877, 24.5279**, and the grayscale version is **8.6812, 9.1333, 9.9461**.

A 20% lighter version of the original color is **32.4589, 24.6259, 20.4953**, and **4.1944, 2.2186, 1.3058** is the 20% darker color. If you saturate the color by 10%, you get **12.8718, 7.9269, 4.9693**, and if you desaturate by 10%, it is **15.1184, 11.1696, 9.5728**.

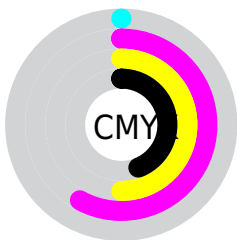
Distribution



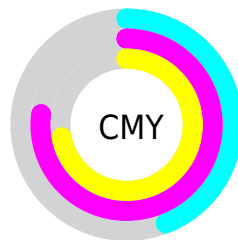
- Red (56%)
- Green (23%)
- Blue (28%)



- Red (56%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (44%)




- Cyan (44%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.8566, 9.3336, 7.0325 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 13.8566, 9.3336, 7.0325 by changing the saturation by 10% instead.

 13.8566, 9.3336,
7.0325


 13.8566, 9.3336,
7.0325


209.8654,
185.8474, 177.5747


 8.1020, 4.9594,
3.4037


 32.4228, 24.5343,
20.5525


 4.2127, 2.2235,
1.3043

 45.9651, 36.1296,
31.2808


 1.8231, 0.7327,
0.0653

 62.8340, 50.9007,
45.2127

 0.5315, 0.0000,
0.0000

 83.3949, 69.2320,
62.7667

 0.0000, 0.0000,
0.0000

 108.0131, 91.5080,
84.3614

 137.0541,

118.1129, 110.4152

170.8830,
149.4313, 141.3468

■ 13.8566, 9.3336,
7.0325

■ 13.8566, 9.3336,
7.0325

■ 12.8718, 7.9269,
4.9693

■ 15.1184, 11.1696,
9.5728

■ 12.1422, 6.9131,
3.3527

■ 16.6754, 13.4644,
12.6171

■ 11.6435, 6.2522,
2.1490

■ 18.5451, 16.2468,
16.1910

■ 11.3280, 5.8581,
1.3137

■ 20.7435, 19.5427,
20.3181

■ 11.2863, 5.8032,
1.2118

■ 23.2855, 23.3760,
25.0207

■ 26.1848, 27.7694,
30.3197

■ 29.4548, 32.7441,
36.2351

■ 33.1078, 38.3203,
42.7857

■ 37.1558, 44.5171,
49.9899

Harmonies

Analogous

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



13.9150, 9.3336, 13.5379



13.8566, 9.3336, 7.0325



12.3203, 9.3336, 3.4806

Triad

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



13.8566, 9.3336, 7.0325



6.0427, 9.3336, 3.6492



7.8458, 9.3336, 28.1699

Complementary

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



13.8566, 9.3336, 7.0325



15.5064, 21.8877, 24.5279

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.



6.1348, 9.3336, 22.3455



13.8566, 9.3336, 7.0325



5.2226, 9.3336, 7.4010

Square

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



13.8566, 9.3336, 7.0325



7.6977, 9.3336, 2.1879



5.2531, 9.3336, 14.1063



10.1585, 9.3336, 27.9257

Rectangle

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



13.8566, 9.3336, 7.0325



10.7955, 9.3336, 2.4085



5.2531, 9.3336, 14.1063



7.1905, 9.3336, 26.7757

Sweetspot

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



13.8568, 9.3341, 7.0327



36.6102, 34.5079, 35.8864



15.5838, 9.7917, 26.6597



7.9393, 7.3502, 7.5716



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.



13.8568, 9.3341, 7.0327



22.2659, 13.3708, 7.8253



15.4389, 13.0547, 5.8444



5.4387, 5.4360, 5.8081



10.1380, 5.2122, 1.1120



0.1018, 0.0518, 0.0364

Inverse Universe

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



13.8568, 9.3341, 7.0327



22.2659, 13.3708, 7.8253



12.5861, 14.6824, 27.7617



5.4387, 5.4360, 5.8081



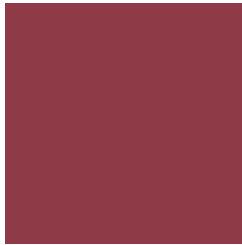
10.1380, 5.2122, 1.1120



0.1018, 0.0518, 0.0364

Previews

White Background



This preview shows how the XYZ color 13.8566, 9.3336, 7.0325 looks on a white background.

Color Contrast Check

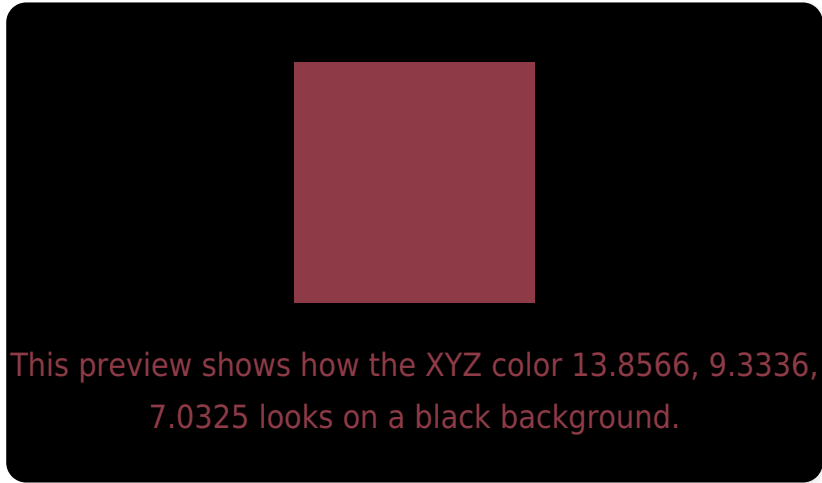
Large Text (above 18pt) WCAG AA ✓ Pass

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

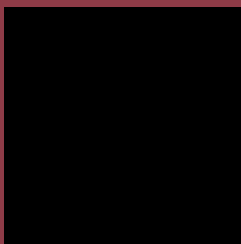
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8566, 9.3336, 7.0325

Background



This preview shows how black text looks on a background with the XYZ color 13.8566, 9.3336, 7.0325.



This preview shows how white text looks on a background with the XYZ color 13.8566, 9.3336,

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

13.8566, 9.3336, 7.0325

Protanopia

9.1677, 9.5961, 9.9634

Deuteranopia

9.5859, 9.4165, 6.6225



Tritanopia

13.6966, 9.3527, 5.9338

Trichromacy



Original Color

13.8566, 9.3336, 7.0325

Protanomaly

10.2862, 9.0751, 8.7989

Deuteranomaly

10.8283, 9.0968, 6.6540

Tritanomaly

13.7843, 9.3877, 6.3957

Monochromacy



Original Color

13.8566, 9.3336, 7.0325

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.9763, 8.8122, 8.7645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8566, 9.3336, 7.0325 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(142, 59, 71)` looks like.

```
.text, #text, p{  
    color:rgb(142, 59, 71)  
}
```

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(142, 59, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 59, 71) }
```

Border

The CSS property to change the border of an element to XYZ 13.8566, 9.3336, 7.0325 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(142, 59, 71) }
```


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

```
.border{ border-color:rgb(142, 59, 71) }
```

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

Here you see how a box with a 4 pixel rgb(142, 59, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 59, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 59, 71);  
box-shadow:4px 4px 4px 4px rgb(142, 59,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8566, 9.3336, 7.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 59, 71) }
```

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

```
.background{ background-color: rgb(142, 59,  
71) }
```

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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