

Converting Colors

XYZ(13.9695, 8.3418, 12.1273)

Have a look what the booklet for
XYZ(13.9695, 8.3418, 12.1273)
contains.

XYZ(13.9113, 8.3153, 12.1811)	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(13.9113, 8.3153,
12.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2D61
RGB	140, 45, 97
RGB Percent	55%, 18%, 38%
CMY	0.4510, 0.8235, 0.6196
CMYK	0.00, 0.68, 0.31, 0.45
HSL	327°, 51%, 36%
HSV	327°, 68%, 55%
XYZ	13.9113, 8.3153, 12.1811
YIQ	79.3330, 39.9280, 36.3120

Conversions

Conversions Part 2

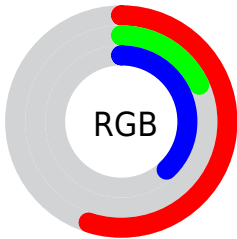
Format	Color
RYB	140, 45, 97
Decimal	9186657
CIELab	34.63, 45.26, -9.07
CIElCh	35, 46.163, 348.663
Yxy	8.3153, 0.4043, 0.2417
Android (android.graphics.Color)	4287376737 (0xFF8C2D61)
YUV	79.3330, 8.7098, 53.2050
Hunter-Lab	28.8363, 35.6492, -4.8601

Details

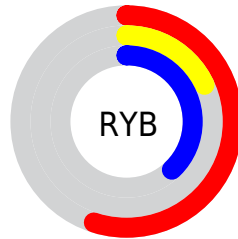
The XYZ color **13.9113, 8.3153, 12.1811** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.2222, 20.0189, 12.4535**, and the grayscale version is **7.4746, 7.8639, 8.5637**.

A 20% lighter version of the original color is **32.4779, 22.6092, 30.6692**, and **4.4353, 2.2174, 3.3262** is the 20% darker color. If you saturate the color by 10%, you get **13.1792, 7.3053, 10.5370**, and if you desaturate by 10%, it is **14.8447, 9.6900, 14.0090**.

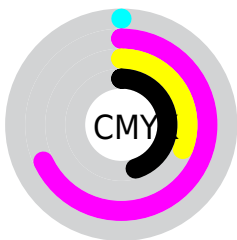
Distribution



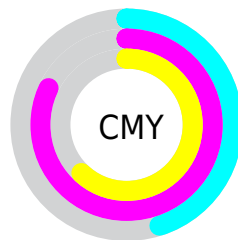
- Red (55%)
- Green (18%)
- Blue (38%)



- Red (55%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (68%)
- Yellow (31%)
- Black (45%)





- Cyan (45%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9113, 8.3153, 12.1811 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 13.9113, 8.3153, 12.1811 by changing the saturation by 10% instead.


 13.9113, 8.3153,
12.1811


 13.9113, 8.3153,
12.1811


210.2000,
178.1846, 216.6208


 8.1403, 4.2974,
6.7431


 32.5191, 22.5743,
30.4938

 4.2374, 1.8413,
3.2260

 46.0867, 33.5841,
44.2056


 1.8373, 0.5127,
1.2111

 62.9838, 47.6933,
61.5125

 0.5400, 0.0000,
0.0000

 83.5758, 65.2864,
82.8329

 0.0000, 0.0000,
0.0000

 108.2280, 86.7476,
108.5854

 137.3059,

112.4615, 139.1885

171.1748,
142.8123, 175.0608

■ 13.9113, 8.3153,
12.1811

■ 13.9113, 8.3153,
12.1811

■ 13.1792, 7.3053,
10.5370

■ 14.8447, 9.6900,
14.0090

■ 12.6288, 6.6218,
9.0671

■ 15.9950, 11.4600,
16.0282

■ 12.2226, 6.1906,
7.7564

■ 17.3770, 13.6540,
18.2463

■ 12.1417, 6.1061,
7.4913

■ 19.0040, 16.2977,
20.6701

■ 20.8883, 19.4149,
23.3062

■ 23.0411, 23.0274,
26.1607

■ 25.4732, 27.1559,
29.2393

■ 28.1946, 31.8199,
32.5476

■ 31.2149, 37.0377,
36.0909

Harmonies

Analogous

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



12.2989, 8.3153, 22.2400



13.9113, 8.3153, 12.1811



13.6709, 8.3153, 5.1915

Triad

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



13.9113, 8.3153, 12.1811



6.4047, 8.3153, 1.1249



5.0321, 8.3153, 24.6876

Complementary

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



13.9113, 8.3153, 12.1811



12.2222, 20.0189, 12.4535

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.



4.0405, 8.3153, 14.4721



13.9113, 8.3153, 12.1811



4.7041, 8.3153, 2.4948

Square

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



13.9113, 8.3153, 12.1811



8.9309, 8.3153, 1.0107



3.9353, 8.3153, 6.5138



6.9580, 8.3153, 31.7014

Rectangle

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



13.9113, 8.3153, 12.1811



12.5020, 8.3153, 2.7186



3.9353, 8.3153, 6.5138



4.5985, 8.3153, 21.3185

Sweetspot

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



13.9115, 8.3157, 12.1812



35.9293, 32.7360, 39.8600



9.6734, 5.8333, 25.4272



8.0858, 7.2229, 8.9162



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.



13.9115, 8.3157, 12.1812



22.7267, 12.2270, 17.2819



12.3243, 7.6808, 3.8230



5.1399, 5.0914, 5.8250



10.7985, 5.4295, 6.7091



0.0791, 0.0390, 0.0835

Inverse Universe

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



13.9115, 8.3157, 12.1812



22.7267, 12.2270, 17.2819



14.8514, 21.0706, 26.2985



5.1399, 5.0914, 5.8250



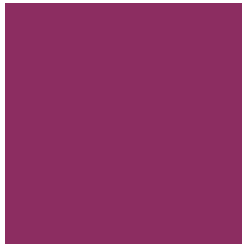
10.7985, 5.4295, 6.7091



0.0791, 0.0390, 0.0835

Previews

White Background



This preview shows how the XYZ color 13.9113, 8.3153, 12.1811 looks on a white background.

Color Contrast Check

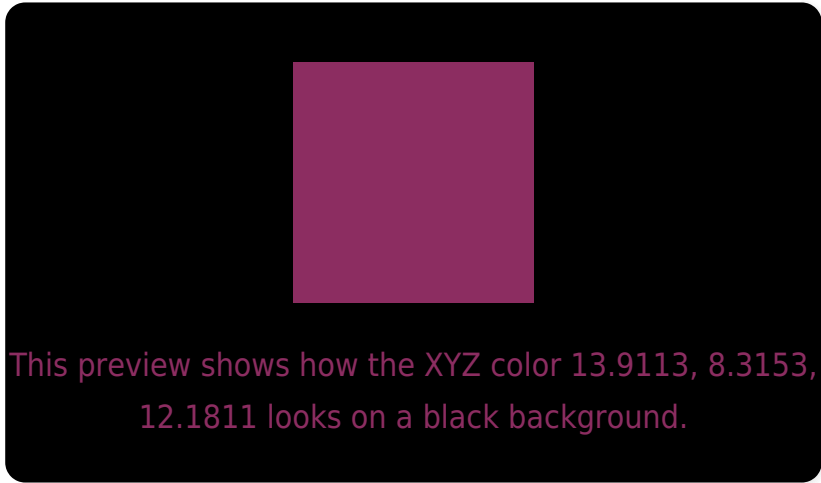
Large Text (above 18pt) WCAG AA ✓ Pass

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

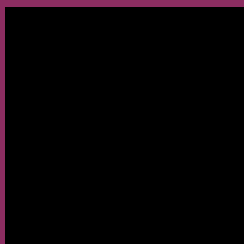
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9113, 8.3153, 12.1811

Background



This preview shows how black text looks on a background with the XYZ color 13.9113, 8.3153, 12.1811.



This preview shows how white text looks on a background with the XYZ color 13.9113, 8.3153,

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

13.9113, 8.3153, 12.1811

Protanopia

8.9095, 8.5552, 19.5941

Deuteranopia

8.6382, 8.4885, 11.3084



Tritanopia

12.4464, 8.3562, 4.9599

Trichromacy



Original Color

13.9113, 8.3153, 12.1811

Protanomaly

9.7671, 7.7594, 16.6057

Deuteranomaly

9.9714, 7.8866, 11.5864

Tritanomaly

12.8348, 8.2388, 7.0447

Monochromacy



Original Color

13.9113, 8.3153, 12.1811

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.0537, 7.4529, 9.7655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9113, 8.3153, 12.1811 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, 45, 97)` looks like.

```
.text, #text, p{  
    color:rgb(140, 45, 97)  
}
```

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, 45, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 45, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9113, 8.3153, 12.1811 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, 45, 97) }
```


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

```
.border{ border-color:rgb(140, 45, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 45, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 45, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 45, 97);  
box-shadow:4px 4px 4px 4px rgb(140, 45,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9113, 8.3153, 12.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 45, 97) }
```

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

```
.background{ background-color: rgb(140, 45,  
97) }
```

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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