

Converting Colors

XYZ(18.2858, 11.9001, 13.9302)

Have a look what the booklet for
XYZ(18.2858, 11.9001, 13.9302)
contains.

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Color

**XYZ(18.3322, 11.8952,
13.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4066
RGB	158, 64, 102
RGB Percent	62%, 25%, 40%
CMY	0.3804, 0.7490, 0.6000
CMYK	0.00, 0.59, 0.35, 0.38
HSL	336°, 42%, 44%
HSV	336°, 59%, 62%
XYZ	18.3322, 11.8952, 13.9002
YIQ	96.4380, 43.8260, 31.7460

Conversions

Conversions Part 2

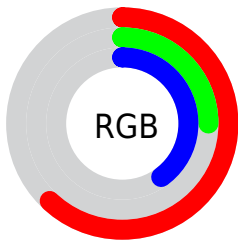
Format	Color
R_{YB}	158, 64, 102
Decimal	10371174
CIE _{Lab}	41.05, 42.99, -2.34
CIE _{LCh}	41, 43.050, 356.878
Yxy	11.8952, 0.4154, 0.2696
Android (android.graphics.Color)	4288561254 (0xFF9E4066)
YUV	96.4380, 2.7421, 53.9899
Hunter-Lab	34.4894, 34.5218, 0.2471

Details

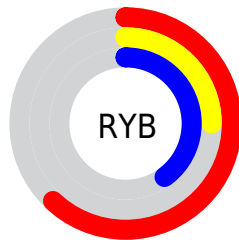
The XYZ color **18.3322, 11.8952, 13.9002** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.7320, 26.9000, 22.0285**, and the grayscale version is **11.2112, 11.7951, 12.8449**.

A 20% lighter version of the original color is **40.0195, 29.2378, 33.6712**, and **6.3374, 3.2679, 3.9112** is the 20% darker color. If you saturate the color by 10%, you get **17.1235, 10.1829, 11.3233**, and if you desaturate by 10%, it is **19.8470, 14.1348, 16.8409**.

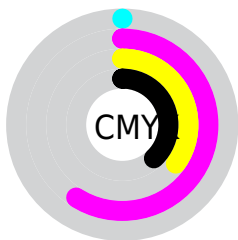
Distribution



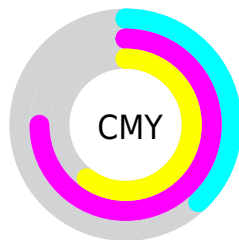
- Red (62%)
- Green (25%)
- Blue (40%)



- Red (62%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3322, 11.8952, 13.9002 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 18.3322, 11.8952, 13.9002 by changing the saturation by 10% instead.

18.3322, 11.8952,
13.9002

18.3322, 11.8952,
13.9002

235.7464,
203.7103, 228.0159

11.2899, 6.6724,
7.9133

40.1282, 29.3041,
33.6264

6.3309, 3.2581,
3.9526

55.6127, 42.2589,
48.2028

3.0899, 1.2679,
1.5994

74.6418, 58.5599,
66.4795

1.2015, 0.1161,
0.2904

97.5811, 78.5913,
88.8750

0.1075, 0.0000,
0.0000

124.7959,
102.7377, 115.8079

0.0000, 0.0000,
0.0000

156.6514,

131.3834, 147.6966

193.5132,
164.9128, 184.9598

■ 18.3322, 11.8952,
13.9002

■ 18.3322, 11.8952,
13.9002

■ 17.1235, 10.1829,
11.3233

■ 19.8470, 14.1348,
16.8409

■ 16.1961, 8.9513,
9.0931

■ 21.6881, 16.9392,
20.1601

■ 15.5229, 8.1491,
7.1912

■ 23.8747, 20.3448,
23.8723

■ 15.0446, 7.6607,
5.5883

■ 26.4246, 24.3842,
27.9910

■ 15.0222, 7.6378,
5.5133

■ 29.3539, 29.0877,
32.5290

■ 32.6782, 34.4837,
37.4984

■ 36.4117, 40.5988,
42.9108

■ 40.5683, 47.4584,
48.7774

■ 45.1609, 55.0865,
55.1089

Harmonies

Analogous

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



17.0441, 11.8952, 24.6439



18.3322, 11.8952, 13.9002



17.4728, 11.8952, 6.6844

Triad

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



18.3322, 11.8952, 13.9002



8.8283, 11.8952, 2.9341



8.3618, 11.8952, 33.0536

Complementary

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



18.3322, 11.8952, 13.9002



17.7320, 26.9000, 22.0285

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.



6.7935, 11.8952, 22.2620



18.3322, 11.8952, 13.9002



7.0264, 11.8952, 5.7045

Square

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



18.3322, 11.8952, 13.9002



11.6325, 11.8952, 2.3110



6.3529, 11.8952, 12.0476



10.9857, 11.8952, 38.4351

Rectangle

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



18.3322, 11.8952, 13.9002



15.8701, 11.8952, 4.0821



6.3529, 11.8952, 12.0476



7.7134, 11.8952, 29.7525

Sweetspot

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



18.3325, 11.8958, 13.9004



48.5574, 45.1923, 51.7312



15.5904, 10.0463, 33.4651



10.6381, 9.6956, 11.1736



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.3325, 11.8958, 13.9004



30.5577, 17.7581, 19.3265



17.3330, 12.2532, 6.3028



6.7386, 6.6884, 7.4747



12.0498, 6.1245, 4.5133



0.2358, 0.1176, 0.1879

Inverse Universe

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



18.3325, 11.8958, 13.9004



30.5577, 17.7581, 19.3265



19.2193, 25.4248, 36.2422



6.7386, 6.6884, 7.4747



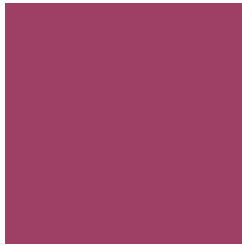
12.0498, 6.1245, 4.5133



0.2358, 0.1176, 0.1879

Previews

White Background



This preview shows how the XYZ color 18.3322, 11.8952, 13.9002 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

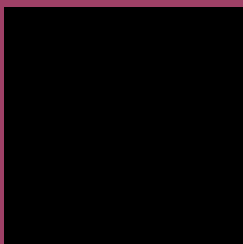
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3322, 11.8952, 13.9002

Background



This preview shows how black text looks on a background with the XYZ color 18.3322, 11.8952, 13.9002.



This preview shows how white text looks on a background with the XYZ color 18.3322, 11.8952,

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

18.3322, 11.8952, 13.9002

Protanopia

12.1642, 12.2036, 20.4533

Deuteranopia

12.2238, 11.9943, 12.9801



Tritanopia

17.1365, 11.9426, 7.8805

Trichromacy



Original Color

18.3322, 11.8952, 13.9002

Protanomaly

13.4132, 11.3796, 17.7092

Deuteranomaly

13.9496, 11.5230, 13.2933

Tritanomaly

17.5720, 11.9424, 9.7665

Monochromacy



Original Color

18.3322, 11.8952, 13.9002

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.9827, 11.1444, 13.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3322, 11.8952, 13.9002 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(158, 64, 102)` looks like.

```
.text, #text, p{  
    color:rgb(158, 64, 102)  
}
```

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(158, 64, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 64, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.3322, 11.8952, 13.9002 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(158, 64, 102) }
```


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

```
.border{ border-color:rgb(158, 64, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 64, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 64, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 64, 102);  
box-shadow:4px 4px 4px 4px rgb(158, 64,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3322, 11.8952, 13.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 64, 102) }
```

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

```
.background{ background-color: rgb(158, 64,  
102) }
```

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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