

Converting Colors

XYZ(16.3912, 11.3597, 8.5365)

Have a look what the booklet for
XYZ(16.3912, 11.3597, 8.5365)
contains.

XYZ(16.3912, 11.3597, 8.5365)	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(16.3912, 11.3597,
8.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	98444E
RGB	152, 68, 78
RGB Percent	60%, 27%, 31%
CMY	0.4039, 0.7333, 0.6941
CMYK	0.00, 0.55, 0.49, 0.40
HSL	353°, 38%, 43%
HSV	353°, 55%, 60%
XYZ	16.3912, 11.3597, 8.5365
YIQ	94.2560, 46.8540, 20.9180

Conversions

Conversions Part 2

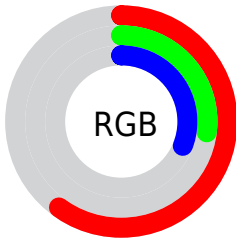
Format	Color
R_{YB}	152, 68, 78
Decimal	9978958
CIE Lab	40.18, 36.15, 11.26
CIE LCh	40, 37.868, 17.302
Yxy	11.3597, 0.4517, 0.3130
Android (android.graphics.Color)	4288169038 (0xFF98444E)
YUV	94.2560, -8.0142, 50.6415
Hunter-Lab	33.7042, 27.8269, 8.5761

Details

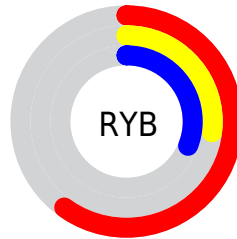
The XYZ color **16.3912, 11.3597, 8.5365** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.4953, 25.6387, 29.5668**, and the grayscale version is **10.7109, 11.2687, 12.2716**.

A 20% lighter version of the original color is **36.7221, 28.2813, 23.6020**, and **5.4189, 3.0578, 1.8180** is the 20% darker color. If you saturate the color by 10%, you get **15.1560, 9.5810, 5.9925**, and if you desaturate by 10%, it is **17.9631, 13.6554, 11.6754**.

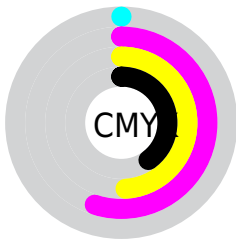
Distribution



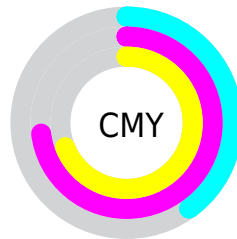
- Red (60%)
- Green (27%)
- Blue (31%)



- Red (60%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3912, 11.3597, 8.5365 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 16.3912, 11.3597, 8.5365 by changing the saturation by 10% instead.

 16.3912, 11.3597,
8.5365


 16.3912, 11.3597,
8.5365


224.8645,
200.1190, 189.9705

 9.8940, 6.3093,
4.3475


 36.8280, 28.3234,
23.5670


 5.3905, 3.0341,
1.8178

 51.4983, 41.0056,
35.2455


 2.5152, 1.1495,
0.4397

 69.6237, 57.0004,
50.2576

 0.9029, 0.0199,
0.0000

 91.5696, 76.6923,
69.0218

 0.0000, 0.0000,
0.0000

 117.7012,
100.4658, 91.9566

148.3840,

128.7051, 119.4807

183.9833,
161.7947, 152.0124

■ 16.3912, 11.3597,
8.5365

■ 16.3912, 11.3597,
8.5365

■ 15.1560, 9.5810,
5.9925

■ 17.9631, 13.6554,
11.6754

■ 14.2318, 8.2774,
4.0049

■ 19.8932, 16.5022,
15.4429

■ 13.5907, 7.4036,
2.5319

■ 22.2021, 19.9332,
19.8712

■ 13.1966, 6.8996,
1.5244

■ 24.9086, 23.9786,
24.9896

■ 13.0588, 6.7194,
1.1848

■ 28.0304, 28.6664,
30.8262

■ 31.5838, 34.0228,
37.4072

■ 35.5846, 40.0727,
44.7575

■ 40.0475, 46.8396,
52.9009

■ 44.9868, 54.3460,
61.8603

Harmonies

Analogous

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



16.5307, 11.3597, 15.8394



16.3912, 11.3597, 8.5365



14.6092, 11.3597, 4.4771

Triad

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



16.3912, 11.3597, 8.5365



7.4858, 11.3597, 4.9089



9.7215, 11.3597, 32.6044

Complementary

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



16.3912, 11.3597, 8.5365



18.4953, 25.6387, 29.5668

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.



7.7135, 11.3597, 26.3872



16.3912, 11.3597, 8.5365



6.5711, 11.3597, 9.4462

Square

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



16.3912, 11.3597, 8.5365



9.3595, 11.3597, 3.0450



6.6470, 11.3597, 17.2044



12.3747, 11.3597, 32.0322

Rectangle

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



16.3912, 11.3597, 8.5365



12.8719, 11.3597, 3.2322



6.6470, 11.3597, 17.2044



8.9581, 11.3597, 31.1594

Sweetspot

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



16.3915, 11.3603, 8.5367



42.9178, 40.7546, 42.1359



18.6856, 12.0471, 31.0463



9.5517, 8.9592, 9.1940



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.3915, 11.3603, 8.5367



26.3789, 16.3804, 9.7903



18.4356, 15.9792, 7.5822



6.2372, 6.2340, 6.6293



10.9562, 5.6367, 1.0282



0.1706, 0.0870, 0.0514

Inverse Universe

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



16.3915, 11.3603, 8.5367



26.3789, 16.3804, 9.7903



14.9137, 17.2200, 32.2435



6.2372, 6.2340, 6.6293



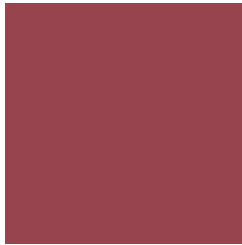
10.9562, 5.6367, 1.0282



0.1706, 0.0870, 0.0514

Previews

White Background



This preview shows how the XYZ color 16.3912, 11.3597, 8.5365 looks on a white background.

Color Contrast Check

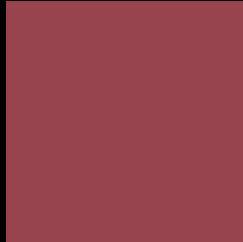
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.3912, 11.3597, 8.5365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

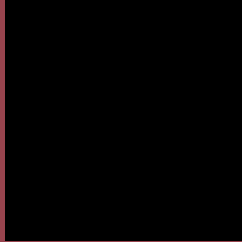
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3912, 11.3597, 8.5365

Background



This preview shows how black text looks on a background with the XYZ color 16.3912, 11.3597, 8.5365.



This preview shows how white text looks on a background with the XYZ color 16.3912, 11.3597,

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

16.3912, 11.3597, 8.5365

Protanopia

11.0610, 11.5538, 11.7723

Deuteranopia

11.7453, 11.5934, 8.0973



Tritanopia

16.2796, 11.4127, 7.6482

Trichromacy



Original Color

16.3912, 11.3597, 8.5365

Protanomaly

12.4400, 11.0367, 10.4915

Deuteranomaly

13.1157, 11.2065, 8.1284

Tritanomaly

16.3470, 11.4396, 8.0031

Monochromacy



Original Color

16.3912, 11.3597, 8.5365

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0802, 10.8464, 10.6894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3912, 11.3597, 8.5365 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(152, 68, 78)` looks like.

```
.text, #text, p{  
    color:rgb(152, 68, 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(152, 68, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 68, 78) }
```

Border

The CSS property to change the border of an element to XYZ 16.3912, 11.3597, 8.5365 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(152, 68, 78) }
```


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

```
.border{ border-color:rgb(152, 68, 78) }
```

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

Here you see how a box with a 4 pixel rgb(152, 68, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 68, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 68, 78);  
box-shadow:4px 4px 4px 4px rgb(152, 68,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3912, 11.3597, 8.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 68, 78) }
```

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

```
.background{ background-color: rgb(152, 68,  
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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