

Converting Colors

XYZ(18.2177, 13.2077, 11.9451)

Have a look what the booklet for
XYZ(18.2177, 13.2077, 11.9451)
contains.

XYZ(18.2177, 13.2077, 11.9451)	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(18.2177, 13.2077,
11.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4E5D
RGB	155, 78, 93
RGB Percent	61%, 31%, 36%
CMY	0.3922, 0.6941, 0.6353
CMYK	0.00, 0.50, 0.40, 0.39
HSL	348°, 33%, 46%
HSV	348°, 50%, 61%
XYZ	18.2177, 13.2077, 11.9451
YIQ	102.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

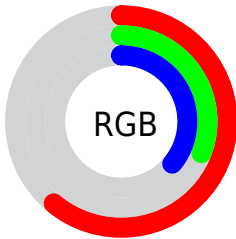
Format	Color
RYB	155, 78, 93
Decimal	10178141
CIELab	43.07, 33.65, 6.11
CIELCh	43, 34.203, 10.290
Yxy	13.2077, 0.4200, 0.3045
Android (android.graphics.Color)	4288368221 (0xFF9B4E5D)
YUV	102.7330, -4.7984, 45.8382
Hunter-Lab	36.3424, 25.8792, 5.9521

Details

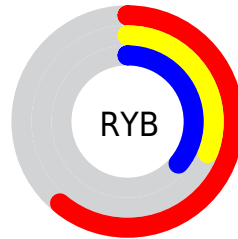
The XYZ color **18.2177, 13.2077, 11.9451** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5975, 26.9560, 28.9827**, and the grayscale version is **12.8268, 13.4947, 14.6958**.

A 20% lighter version of the original color is **39.9596, 31.6807, 29.9955**, and **6.3193, 3.8507, 3.0995** is the 20% darker color. If you saturate the color by 10%, you get **16.7349, 11.0559, 8.9424**, and if you desaturate by 10%, it is **20.0510, 15.9161, 15.5101**.

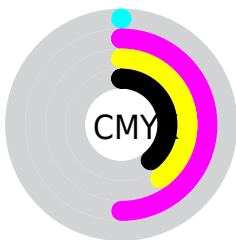
Distribution



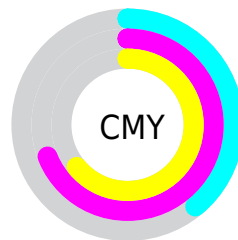
- Red (61%)
- Green (31%)
- Blue (36%)



- Red (61%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (40%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2177, 13.2077, 11.9451 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 18.2177, 13.2077, 11.9451 by changing the saturation by 10% instead.

■ 18.2177, 13.2077,
11.9451

■ 18.2177, 13.2077,
11.9451

235.1172,
212.2445, 215.0065

■ 11.2070, 7.5717,
6.5842

■ 39.9351, 31.6764,
30.0580

■ 6.2746, 3.8222,
3.1290

■ 55.3726, 45.2780,
43.6471

■ 3.0550, 1.5746,
1.1609

■ 74.3497, 62.3035,
60.8159

■ 1.1829, 0.3404,
0.0000

■ 97.2318, 83.1374,
81.9832

■ 0.0928, 0.0000,
0.0000

■ 124.3842,
108.1640, 107.5673

■ 0.0000, 0.0000,
0.0000

156.1723,

137.7678, 137.9869

192.9616,
172.3332, 173.6604

■ 18.2177, 13.2077,
11.9451

■ 18.2177, 13.2077,
11.9451

■ 16.7349, 11.0559,
8.9424

■ 20.0510, 15.9161,
15.5101

■ 15.5788, 9.4198,
6.4721

■ 22.2545, 19.2140,
19.6638

■ 14.7238, 8.2563,
4.5024

■ 24.8478, 23.1344,
24.4315


■ 14.1403, 7.5142,
2.9979


■ 27.8486, 27.7071,
29.8372


■ 13.7650, 7.0763,
1.9089


■ 31.2737, 32.9599,
35.9033

 13.7542, 7.0632,
1.8793

 35.1388, 38.9192,
42.6512

 39.4588, 45.6098,
50.1012

 44.2481, 53.0555,
58.2731

 49.5202, 61.2787,
67.1855

Harmonies

Analogous

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



17.9435, 13.2077, 19.8414



18.2177, 13.2077, 11.9451



16.8211, 13.2077, 6.8995

Triad

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



18.2177, 13.2077, 11.9451



9.5582, 13.2077, 5.9189



10.9235, 13.2077, 32.7861

Complementary

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



18.2177, 13.2077, 11.9451



19.5975, 26.9560, 28.9827

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.



9.0767, 13.2077, 25.9313



18.2177, 13.2077, 11.9451



8.3680, 13.2077, 10.0273

Square

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



18.2177, 13.2077, 11.9451



11.6714, 13.2077, 4.3173



8.2050, 13.2077, 17.1273



13.4790, 13.2077, 33.8644

Rectangle

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



18.2177, 13.2077, 11.9451



15.2313, 13.2077, 5.1109



8.2050, 13.2077, 17.1273



10.2096, 13.2077, 30.9912

Sweetspot

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



18.2181, 13.2084, 11.9453



46.7630, 44.8727, 47.8531



19.3892, 13.3569, 32.5663



10.3511, 9.8013, 10.4094



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.2181, 13.2084, 11.9453



29.6247, 19.3045, 15.2936



19.5566, 16.8461, 9.4296



6.2555, 6.2414, 6.7258



11.0589, 5.6778, 1.5692



0.1759, 0.0891, 0.0792

Inverse Universe

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



18.2181, 13.2084, 11.9453



29.6247, 19.3045, 15.2936



17.2966, 20.4622, 34.0481



6.2555, 6.2414, 6.7258



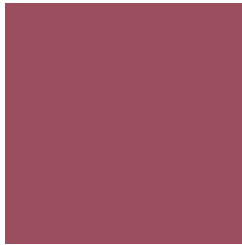
11.0589, 5.6778, 1.5692



0.1759, 0.0891, 0.0792

Previews

White Background



This preview shows how the XYZ color 18.2177, 13.2077, 11.9451 looks on a white background.

Color Contrast Check

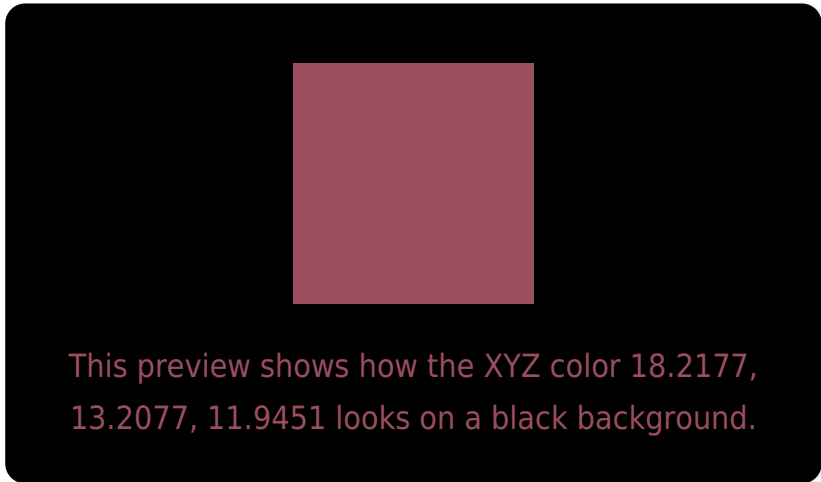
Large Text (above 18pt) WCAG AA ✓ Pass

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

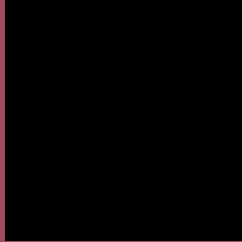
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2177, 13.2077, 11.9451

Background



This preview shows how black text looks on a background with the XYZ color 18.2177, 13.2077, 11.9451.



This preview shows how white text looks on a background with the XYZ color 18.2177, 13.2077,

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

18.2177, 13.2077, 11.9451

Protanopia

12.9464, 13.4269, 15.5450

Deuteranopia

13.6434, 13.4438, 11.5487



Tritanopia

17.7621, 13.1179, 10.1902

Trichromacy



Original Color

18.2177, 13.2077, 11.9451

Protanomaly

14.2894, 12.9059, 14.0499

Deuteranomaly

14.9895, 13.0628, 11.6289

Tritanomaly

17.8839, 13.1666, 10.8313

Monochromacy



Original Color

18.2177, 13.2077, 11.9451

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.2809, 13.0438, 13.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2177, 13.2077, 11.9451 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(155, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(155, 78, 93)  
}
```

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(155, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 78, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.2177, 13.2077, 11.9451 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(155, 78, 93) }
```


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

```
.border{ border-color:rgb(155, 78, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 78, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(155, 78,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2177, 13.2077, 11.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 78, 93) }
```

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

```
.background{ background-color: rgb(155, 78,  
93) }
```

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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