

Converting Colors

XYZ(11.0660, 6.2800, 1.7797)

Have a look what the booklet for
XYZ(11.0660, 6.2800, 1.7797)
contains.

XYZ(11.1183, 6.3225, 1.7968)	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(11.1183, 6.3225,
1.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	8A1C1D
RGB	138, 28, 29
RGB Percent	54%, 11%, 11%
CMY	0.4588, 0.8902, 0.8863
CMYK	0.00, 0.80, 0.79, 0.46
HSL	359°, 66%, 33%
HSV	359°, 80%, 54%
XYZ	11.1183, 6.3225, 1.7968
YIQ	61.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

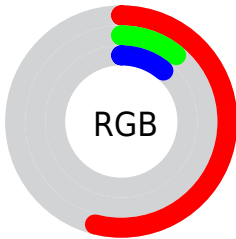
Format	Color
RYB	138, 28, 29
Decimal	9051165
CIELab	30.21, 45.34, 28.76
CIELCh	30, 53.693, 32.383
Yxy	6.3225, 0.5779, 0.3287
Android (android.graphics.Color)	4287241245 (0xFF8A1C1D)
YUV	61.0040, -15.7780, 67.5255
Hunter-Lab	25.1446, 34.9252, 13.3644

Details

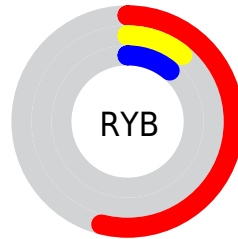
The XYZ color **11.1183, 6.3225, 1.7968** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.0835, 20.2303, 26.8322**, and the grayscale version is **4.4519, 4.6837, 5.1006**.

A 20% lighter version of the original color is **27.5846, 18.6733, 8.4538**, and **3.3083, 1.7055, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **10.7296, 5.7584, 1.0102**, and if you desaturate by 10%, it is **11.7325, 7.2177, 3.0293**.

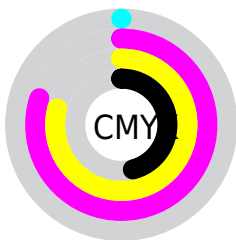
Distribution



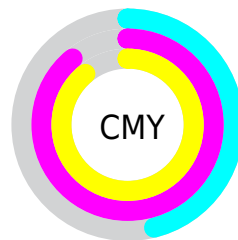
- Red (54%)
- Green (11%)
- Blue (11%)



- Red (54%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (79%)
- Black (46%)





- Cyan (46%)
- Magenta (89%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1183, 6.3225, 1.7968 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 11.1183, 6.3225, 1.7968 by changing the saturation by 10% instead.


 11.1183, 6.3225,
1.7968


 11.1183, 6.3225,
1.7968


192.3689,
161.9092, 119.1372


 6.2143, 3.0422,
0.4258


 27.5097, 18.5967,
8.4774


 3.0177, 1.1538,
0.0000

 39.7279, 28.3593,
14.7182


 1.1632, 0.0235,
0.0000

 55.1149, 41.0514,
23.4507

 0.0770, 0.0000,
0.0000


 74.0360, 57.0575,
35.0934


 0.0000, 0.0000,
0.0000


 96.8566, 76.7620,
50.0648

 123.9421,

100.5491, 68.7836


 155.6577,
128.8034, 91.6682


 11.1183, 6.3225,
1.7968


 11.1183, 6.3225,
1.7968


 10.7296, 5.7584,
1.0102


 11.7325, 7.2177,
3.0293


 10.4947, 5.4157,
0.5396

 12.5989, 8.4828,
4.7600

 10.4880, 5.4060,
0.5264

 13.7409, 10.1525,
7.0343

 15.1790, 12.2572,
9.8925

 16.9320, 14.8244,
13.3709

■ 19.0170, 17.8793,
17.5032

■ 21.4497, 21.4453,
22.3203

■ 24.2452, 25.5444,
27.8514

■ 27.4174, 30.1971,
34.1238

Harmonies

Analogous

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



12.2899, 6.3225, 6.3214



11.1183, 6.3225, 1.7968



8.5552, 6.3225, 0.3156

Triad

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



11.1183, 6.3225, 1.7968



2.6500, 6.3225, 2.2381



6.2137, 6.3225, 32.2539

Complementary

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



11.1183, 6.3225, 1.7968



14.0835, 20.2303, 26.8322

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.



4.0264, 6.3225, 28.0454



11.1183, 6.3225, 1.7968



2.3442, 6.3225, 7.4793

Square

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



11.1183, 6.3225, 1.7968



3.7643, 6.3225, 0.4717



2.7688, 6.3225, 17.3522



9.0059, 6.3225, 26.5948

Rectangle

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



11.1183, 6.3225, 1.7968



6.6767, 6.3225, 0.0000



2.7688, 6.3225, 17.3522



5.3880, 6.3225, 31.9448

Sweetspot

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



11.1184, 6.3229, 1.7969



31.6786, 28.8158, 27.2023



15.1833, 7.9141, 24.7720



6.8559, 6.0977, 5.6068



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.1184, 6.3229, 1.7969



18.6001, 9.6983, 1.1410



13.6461, 11.3974, 2.5798



5.0346, 5.0493, 5.2706



9.6164, 4.9567, 0.4842



0.0641, 0.0330, 0.0043

Inverse Universe

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



11.1184, 6.3229, 1.7969



18.6001, 9.6983, 1.1410



8.3023, 8.5534, 25.2581



5.0346, 5.0493, 5.2706



9.6164, 4.9567, 0.4842



0.0641, 0.0330, 0.0043

Previews

White Background



This preview shows how the XYZ color 11.1183, 6.3225, 1.7968 looks on a white background.

Color Contrast Check

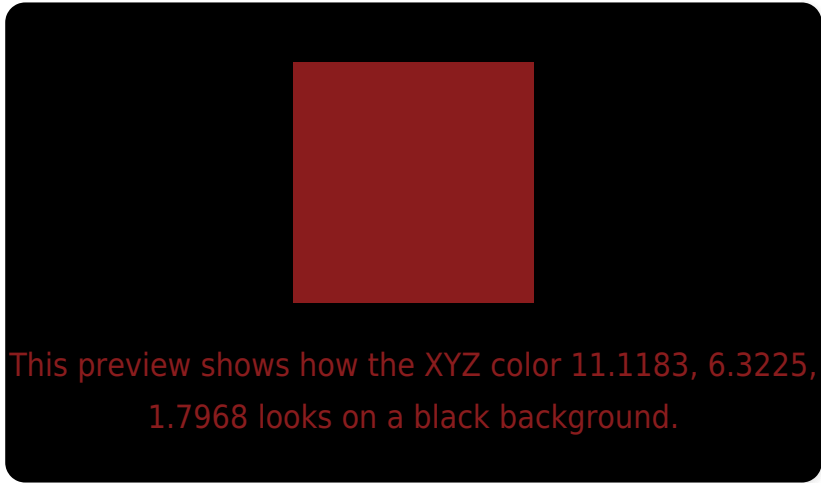
Large Text (above 18pt) WCAG AA ✓ Pass

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

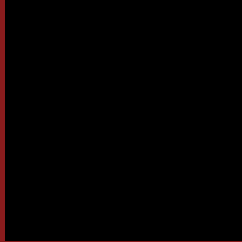
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1183, 6.3225, 1.7968

Background



This preview shows how black text looks on a background with the XYZ color 11.1183, 6.3225, 1.7968.



This preview shows how white text looks on a background with the XYZ color 11.1183, 6.3225,

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

11.1183, 6.3225, 1.7968

Protanopia

6.1087, 6.6377, 3.1497

Deuteranopia

6.5688, 6.5309, 1.5762



Tritanopia

11.1061, 6.3176, 1.7327

Trichromacy



Original Color

11.1183, 6.3225, 1.7968

Protanomaly

7.1639, 5.8265, 2.4973

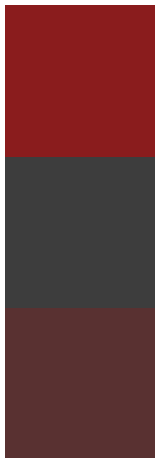
Deuteranomaly

7.6582, 5.8883, 1.5435

Tritanomaly

11.1061, 6.3176, 1.7327

Monochromacy



Original Color

11.1183, 6.3225, 1.7968

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

5.7725, 4.5422, 3.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1183, 6.3225, 1.7968 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(138, 28, 29)` looks like.

```
.text, #text, p{  
    color:rgb(138, 28, 29)  
}
```

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(138, 28, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 28, 29) }
```

Border

The CSS property to change the border of an element to XYZ 11.1183, 6.3225, 1.7968 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(138, 28, 29) }
```


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

```
.border{ border-color:rgb(138, 28, 29) }
```

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

Here you see how a box with a 4 pixel rgb(138, 28, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 28, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 28, 29);  
box-shadow:4px 4px 4px 4px rgb(138, 28,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1183, 6.3225, 1.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 28, 29) }
```

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

```
.background{ background-color: rgb(138, 28,  
29) }
```

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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