

Converting Colors

XYZ(17.0292, 11.1183, 3.9378)

Have a look what the booklet for
XYZ(17.0292, 11.1183, 3.9378)
contains.

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Color

**XYZ(17.0292, 11.1183,
3.9378)**

Conversions

Conversions Part 1

Format	Color
Hex	A23C2F
RGB	162, 60, 47
RGB Percent	64%, 24%, 18%
CMY	0.3647, 0.7647, 0.8157
CMYK	0.00, 0.63, 0.71, 0.36
HSL	7°, 55%, 41%
HSV	7°, 71%, 64%
XYZ	17.0292, 11.1183, 3.9378
YIQ	89.0160, 64.9650, 17.5810

Conversions

Conversions Part 2

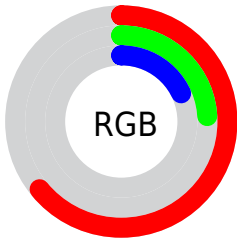
Format	Color
RYB	162, 62, 47
Decimal	10632239
CIELab	39.78, 41.45, 30.03
CIElCh	40, 51.184, 35.926
Yxy	11.1183, 0.5307, 0.3465
Android (android.graphics.Color)	4288822319 (0xFFA23C2F)
YUV	89.0160, -20.7139, 64.0070
Hunter-Lab	33.3441, 32.8097, 16.3390

Details

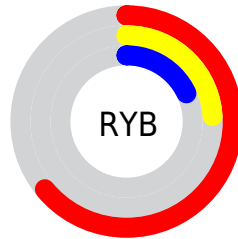
The XYZ color **17.0292, 11.1183, 3.9378** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.4403, 24.7058, 37.9789**, and the grayscale version is **9.5338, 10.0303, 10.9230**.

A 20% lighter version of the original color is **37.9388, 27.9261, 13.9804**, and **5.7144, 2.9452, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **16.1078, 9.7051, 2.3069**, and if you desaturate by 10%, it is **18.2768, 12.9901, 6.2761**.

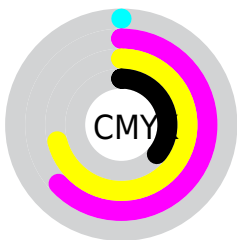
Distribution



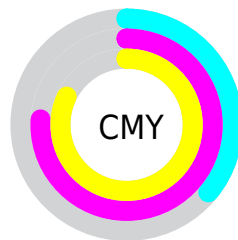
- Red (64%)
- Green (24%)
- Blue (18%)



- Red (64%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (36%)





- Cyan (36%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0292, 11.1183, 3.9378 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 17.0292, 11.1183, 3.9378 by changing the saturation by 10% instead.


 17.0292, 11.1183,
3.9378


 17.0292, 11.1183,
3.9378


228.4936,
198.4774, 147.5315


 10.3507, 6.1465,
1.5913


 37.9192, 27.8787,
13.8661


 5.6962, 2.9343,
0.2846

 52.8614, 40.4361,
22.2849


 2.7001, 1.0976,
0.0000

 71.2889, 56.2907,
33.5649

 0.9972, 0.0000,
0.0000

 93.5671, 75.8271,
48.1246

 0.0000, 0.0000,
0.0000

 120.0613, 99.4296,
66.3826

 151.1369,

127.4825, 88.7574

187.1592,
160.3703, 115.6675

■ 17.0292, 11.1183,
3.9378

■ 17.0292, 11.1183,
3.9378

■ 16.1078, 9.7051,
2.3069

■ 18.2768, 12.9901,
6.2761

■ 15.4807, 8.7089,
1.3022

■ 19.8770, 15.3535,
9.3897

■ 15.1217, 8.1244,
0.7712

■ 21.8543, 18.2408,
13.3391

■ 24.2307, 21.6809,
18.1787

■ 27.0268, 25.7004,
23.9583

■ 30.2613, 30.3246,
30.7241

■ 33.9521, 35.5769,
38.5190

■ 38.1161, 41.4797,
47.3836

■ 42.7692, 48.0541,
57.3563

Harmonies

Analogous

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



18.8025, 11.1183, 10.2181



17.0292, 11.1183, 3.9378



13.5667, 11.1183, 1.6447

Triad

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



17.0292, 11.1183, 3.9378



5.5257, 11.1183, 5.8092



11.2798, 11.1183, 43.3050

Complementary

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



17.0292, 11.1183, 3.9378



18.4403, 24.7058, 37.9789

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.



8.0467, 11.1183, 39.7179



17.0292, 11.1183, 3.9378



5.1757, 11.1183, 14.2130

Square

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



17.0292, 11.1183, 3.9378



7.0817, 11.1183, 2.2304



5.9904, 11.1183, 27.3569



15.0428, 11.1183, 35.4729

Rectangle

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



17.0292, 11.1183, 3.9378



11.0544, 11.1183, 1.2499



5.9904, 11.1183, 27.3569



10.0953, 11.1183, 43.4324

Sweetspot

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



17.0295, 11.1189, 3.9380



48.8408, 46.3354, 43.0274



21.4620, 11.9325, 30.2375



10.6558, 9.9567, 9.0127



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.0295, 11.1189, 3.9380



28.5400, 16.5124, 3.0316



21.6586, 20.3773, 5.4810



7.1353, 7.2090, 7.3955



11.9307, 6.4353, 0.6133



0.2686, 0.1710, 0.0188

Inverse Universe

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



18.4403, 24.7058, 37.9789



31.1245, 42.4332, 68.6061



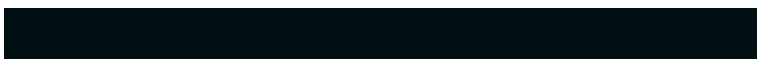
11.6082, 11.0417, 35.7016



7.2074, 7.8738, 9.0430



12.9765, 17.7324, 29.6685



0.2908, 0.4088, 0.6294

Previews

White Background



This preview shows how the XYZ color 17.0292, 11.1183, 3.9378 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 17.0292, 11.1183, 3.9378 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 17.0292, 11.1183, 3.9378

Background



This preview shows how black text looks on a background with the XYZ color 17.0292, 11.1183, 3.9378.



This preview shows how white text looks on a background with the XYZ color 17.0292, 11.1183,

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

17.0292, 11.1183, 3.9378

Protanopia

10.4751, 11.3837, 5.7829

Deuteranopia

11.3925, 11.2543, 3.6697



Tritanopia

17.4596, 11.1496, 5.6467

Trichromacy



Original Color

17.0292, 11.1183, 3.9378

Protanomaly

12.0191, 10.5955, 5.0261

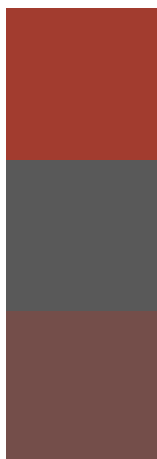
Deuteranomaly

12.9049, 10.7529, 3.6809

Tritanomaly

17.3820, 11.2000, 4.9871

Monochromacy



Original Color

17.0292, 11.1183, 3.9378

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.1629, 9.6562, 7.7540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0292, 11.1183, 3.9378 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(162, 60, 47)` looks like.

```
.text, #text, p{  
    color:rgb(162, 60, 47)  
}
```

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(162, 60, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 60, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.0292, 11.1183, 3.9378 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(162, 60, 47) }
```


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

```
.border{ border-color:rgb(162, 60, 47) }
```

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

Here you see how a box with a 4 pixel rgb(162, 60, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 60, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 60, 47);  
box-shadow:4px 4px 4px 4px rgb(162, 60,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0292, 11.1183, 3.9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 60, 47) }
```

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

```
.background{ background-color: rgb(162, 60,  
47) }
```

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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