

Converting Colors

XYZ(17.1647, 9.8181, 2.2677)

Have a look what the booklet for
XYZ(17.1647, 9.8181, 2.2677)
contains.

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Color

**XYZ(17.0573, 9.7469,
2.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	A8251F
RGB	168, 37, 31
RGB Percent	66%, 15%, 12%
CMY	0.3412, 0.8549, 0.8784
CMYK	0.00, 0.78, 0.82, 0.34
HSL	3°, 69%, 39%
HSV	3°, 82%, 66%
XYZ	17.0573, 9.7469, 2.2786
YIQ	75.4850, 80.0020, 25.9060

Conversions

Conversions Part 2

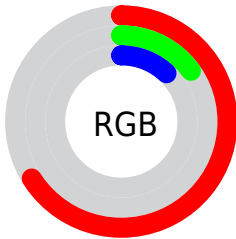
Format	Color
RYB	168, 37, 31
Decimal	11019551
CIELab	37.38, 51.92, 36.93
CIElCh	37, 63.716, 35.420
Yxy	9.7469, 0.5865, 0.3351
Android (android.graphics.Color)	4289209631 (0xFFA8251F)
YUV	75.4850, -21.9311, 81.1357
Hunter-Lab	31.2200, 42.8898, 17.5267

Details

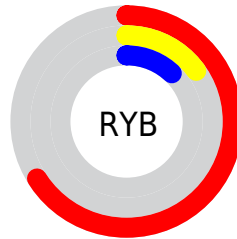
The XYZ color **17.0573, 9.7469, 2.2786** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.5511, 28.9549, 41.5511**, and the grayscale version is **6.8048, 7.1592, 7.7964**.

A 20% lighter version of the original color is **37.9403, 25.3502, 9.7309**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **16.4961, 8.8914, 1.2694**, and if you desaturate by 10%, it is **17.9541, 11.0894, 3.9689**.

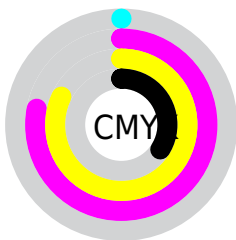
Distribution



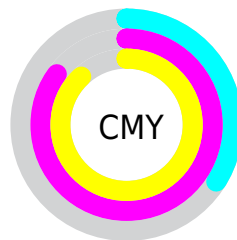
- Red (66%)
- Green (15%)
- Blue (12%)



- Red (66%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (78%)
- Yellow (82%)
- Black (34%)




- Cyan (34%)
- Magenta (85%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0573, 9.7469, 2.2786 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 17.0573, 9.7469, 2.2786 by changing the saturation by 10% instead.


 17.0573, 9.7469,
2.2786

 17.0573, 9.7469,
2.2786


228.6522,
188.8560, 126.5631


 10.3709, 5.2315,
0.7192


 37.9671, 25.3183,
9.7894


 5.7097, 2.3837,
0.0000

 52.9212, 37.1432,
16.5980


 2.7084, 0.8175,
0.0000

 71.3619, 52.1732,
26.0001

 1.0015, 0.0000,
0.0000

 93.6546, 70.7929,
38.4144

 0.0000, 0.0000,
0.0000

 120.1646, 93.3866,
54.2593

 151.2573,


120.3388, 73.9533


 187.2980,
152.0338, 97.9151


 17.0573, 9.7469,
2.2786


 17.0573, 9.7469,
2.2786


 16.4961, 8.8914,
1.2694


 17.9541, 11.0894,
3.9689

 16.2283, 8.4848,
0.7824

 19.2274, 12.9748,
6.4315

 20.9127, 15.4533,
9.7440

 23.0415, 18.5687,
13.9745

 25.6420, 22.3610,
19.1841

■ 28.7401, 26.8666,
25.4289

■ 32.3600, 32.1196,
32.7605

■ 36.5242, 38.1518,
41.2272

■ 41.2537, 44.9929,
50.8742

Harmonies

Analogous

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



19.2315, 9.7469, 8.6642



17.0573, 9.7469, 2.2786



12.8482, 9.7469, 0.4554

Triad

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



17.0573, 9.7469, 2.2786



3.8801, 9.7469, 3.8313



10.0102, 9.7469, 51.1492

Complementary

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



17.0573, 9.7469, 2.2786



20.5511, 28.9549, 41.5511

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.



6.4175, 9.7469, 45.9204



17.0573, 9.7469, 2.2786



3.5207, 9.7469, 12.8334

Square

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



17.0573, 9.7469, 2.2786



5.4815, 9.7469, 0.8761



4.3014, 9.7469, 29.1964



14.4783, 9.7469, 40.6118

Rectangle

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



17.0573, 9.7469, 2.2786



9.8924, 9.7469, 0.0659



4.3014, 9.7469, 29.1964



8.6630, 9.7469, 51.2295

Sweetspot

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



17.0575, 9.7475, 2.2787



50.4319, 46.2519, 42.6680



23.2880, 11.9646, 35.9359



10.5706, 9.4681, 8.4502



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.0575, 9.7475, 2.2787



29.4824, 15.4254, 1.5495



21.3526, 18.3376, 3.7104



7.5565, 7.5931, 7.8566



12.2651, 6.4275, 0.5942



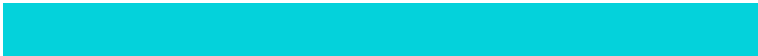
0.3064, 0.1724, 0.0171

Inverse Universe

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



20.5511, 28.9549, 41.5511



35.8952, 51.1878, 75.2134



11.7191, 11.2908, 38.6071



7.7189, 8.4748, 9.6473



14.9229, 21.3060, 31.3014



0.3714, 0.5350, 0.7643

Previews

White Background



This preview shows how the XYZ color 17.0573, 9.7469, 2.2786 looks on a white background.

Color Contrast Check

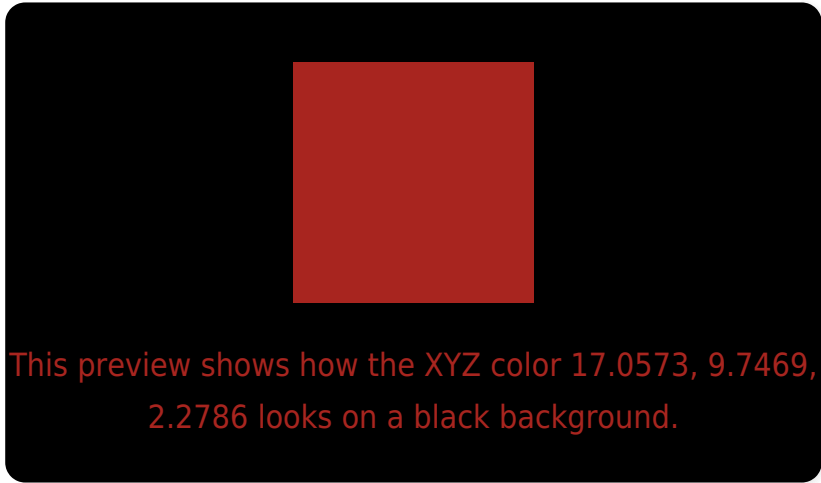
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0573, 9.7469, 2.2786

Background



This preview shows how black text looks on a background with the XYZ color 17.0573, 9.7469, 2.2786.



This preview shows how white text looks on a background with the XYZ color 17.0573, 9.7469,

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

17.0573, 9.7469, 2.2786

Protanopia

9.1916, 9.9869, 3.9258

Deuteranopia

10.1677, 10.0514, 1.9765



Tritanopia

17.1133, 9.7202, 2.7245

Trichromacy



Original Color

17.0573, 9.7469, 2.2786

Protanomaly

10.8853, 8.8186, 3.1359

Deuteranomaly

11.8946, 9.1827, 1.9561

Tritanomaly

17.0827, 9.7079, 2.5636

Monochromacy



Original Color

17.0573, 9.7469, 2.2786

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.7648, 6.9045, 5.0084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0573, 9.7469, 2.2786 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(168, 37, 31)` looks like.

```
.text, #text, p{  
    color:rgb(168, 37, 31)  
}
```

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(168, 37, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 37, 31) }
```

Border

The CSS property to change the border of an element to XYZ 17.0573, 9.7469, 2.2786 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(168, 37, 31) }
```


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

```
.border{ border-color:rgb(168, 37, 31) }
```

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

Here you see how a box with a 4 pixel rgb(168, 37, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 37, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 37, 31);  
box-shadow:4px 4px 4px 4px rgb(168, 37,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0573, 9.7469, 2.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 37, 31) }
```

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

```
.background{ background-color: rgb(168, 37,  
31) }
```

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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