

Converting Colors

XYZ(17.2170, 9.7966, 2.6907)

Have a look what the booklet for
XYZ(17.2170, 9.7966, 2.6907)
contains.

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Color

**XYZ(17.0978, 9.7140,
2.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	A82424
RGB	168, 36, 36
RGB Percent	66%, 14%, 14%
CMY	0.3412, 0.8588, 0.8588
CMYK	0.00, 0.79, 0.79, 0.34
HSL	0°, 65%, 40%
HSV	0°, 79%, 66%
XYZ	17.0978, 9.7140, 2.6429
YIQ	75.4680, 78.6720, 27.9840

Conversions

Conversions Part 2

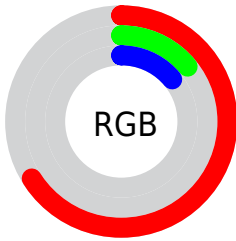
Format	Color
RYB	168, 36, 36
Decimal	11019300
CIELab	37.32, 52.41, 34.03
CIElCh	37, 62.486, 32.998
Yxy	9.7140, 0.5805, 0.3298
Android (android.graphics.Color)	4289209380 (0xFFA82424)
YUV	75.4680, -19.4577, 81.1506
Hunter-Lab	31.1673, 43.3790, 16.7895

Details

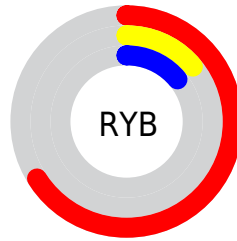
The XYZ color **17.0978, 9.7140, 2.6429** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **21.7960, 31.2034, 41.9197**, and the grayscale version is **6.7976, 7.1516, 7.7881**.

A 20% lighter version of the original color is **38.0327, 25.2458, 10.6530**, and **6.1843, 3.1881, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **16.5041, 8.8455, 1.4626**, and if you desaturate by 10%, it is **18.0508, 11.1089, 4.5370**.

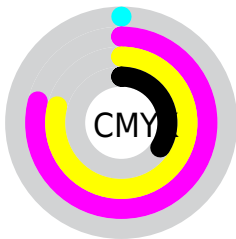
Distribution



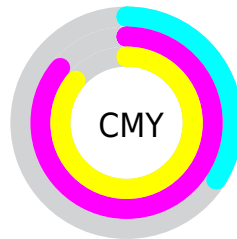
- Red (66%)
- Green (14%)
- Blue (14%)



- Red (66%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0978, 9.7140, 2.6429 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 17.0978, 9.7140, 2.6429 by changing the saturation by 10% instead.

■ 17.0978, 9.7140,
2.6429

■ 17.0978, 9.7140,
2.6429

228.8806,
188.6185, 131.6738

■ 10.4000, 5.2097,
0.9145

■ 38.0361, 25.2562,
10.7338

■ 5.7292, 2.3708,
0.0000

■ 53.0073, 37.0629,
17.9342

■ 2.7202, 0.8108,
0.0000

■ 71.4670, 52.0725,
27.7959

■ 1.0076, 0.0000,
0.0000

■ 93.7806, 70.6694,
40.7375

■ 0.0000, 0.0000,
0.0000

■ 120.3134, 93.2381,
57.1776

■ 151.4307,

120.1629, 77.5346

187.4980,
151.8283, 102.2272

17.0978, 9.7140,
2.6429

17.0978, 9.7140,
2.6429

16.5041, 8.8455,
1.4626

18.0508, 11.1089,
4.5370

16.1877, 8.3824,
0.8337

19.4070, 13.0934,
7.2329

16.1485, 8.3251,
0.7558

21.2046, 15.7239,
10.8063

23.4773, 19.0495,
15.3243

26.2555, 23.1148,
20.8472

■ 29.5670, 27.9605,
27.4304

■ 33.4377, 33.6244,
35.1253

■ 37.8918, 40.1419,
43.9800

■ 42.9519, 47.5462,
54.0396

Harmonies

Analogous

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



18.9791, 9.7140, 9.4887



17.0978, 9.7140, 2.6429



13.0911, 9.7140, 0.6067

Triad

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



17.0978, 9.7140, 2.6429



4.0175, 9.7140, 3.4961



9.6323, 9.7140, 50.0376

Complementary

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



17.0978, 9.7140, 2.6429



21.7960, 31.2034, 41.9197

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.



6.2186, 9.7140, 43.7766



17.0978, 9.7140, 2.6429



3.5698, 9.7140, 11.7453

Square

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



17.0978, 9.7140, 2.6429



5.7091, 9.7140, 0.8351



4.2479, 9.7140, 27.2055



13.9710, 9.7140, 40.9330

Rectangle

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



17.0978, 9.7140, 2.6429



10.1816, 9.7140, 0.1630



4.2479, 9.7140, 27.2055



8.3450, 9.7140, 49.6684

Sweetspot

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



17.0980, 9.7146, 2.6430



50.0069, 45.4019, 42.5263



23.8471, 12.4137, 38.1848



10.4708, 9.2686, 8.4170



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.



17.0980, 9.7146, 2.6430



29.5236, 15.4284, 1.8081



21.2182, 17.9549, 4.0164



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



21.7960, 31.2034, 41.9197



38.3995, 56.0280, 76.0157



12.5468, 12.7050, 38.8366



7.7475, 8.5320, 9.6568



15.9097, 23.2796, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 17.0978, 9.7140, 2.6429 looks on a white background.

Color Contrast Check

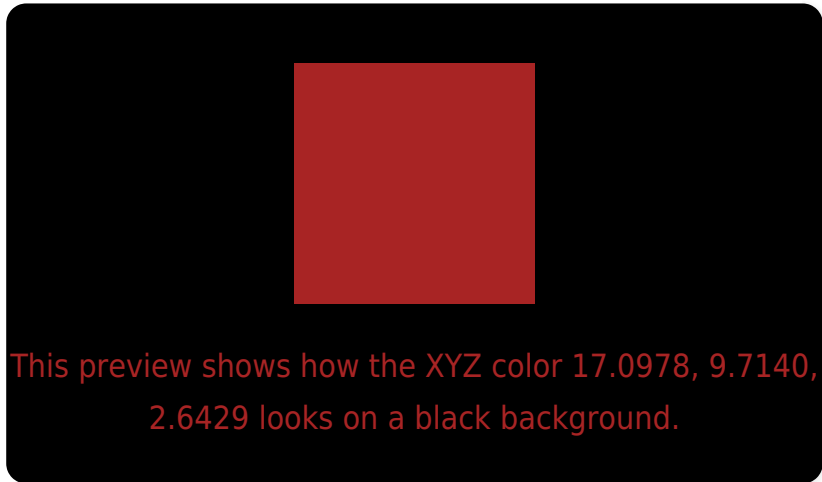
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0978, 9.7140, 2.6429

Background



This preview shows how black text looks on a background with the XYZ color 17.0978, 9.7140, 2.6429.



This preview shows how white text looks on a background with the XYZ color 17.0978, 9.7140,

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

17.0978, 9.7140, 2.6429

Protanopia

9.2069, 9.9804, 4.5731

Deuteranopia

10.1170, 10.0163, 2.3774



Tritanopia

17.0978, 9.7140, 2.6429

Trichromacy



Original Color

17.0978, 9.7140, 2.6429

Protanomaly

10.8517, 8.7885, 3.7092

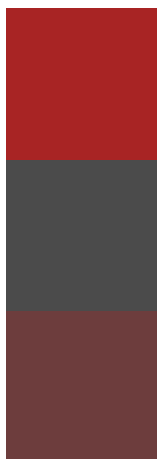
Deuteranomaly

11.7572, 9.0136, 2.3484

Tritanomaly

17.0978, 9.7140, 2.6429

Monochromacy



Original Color

17.0978, 9.7140, 2.6429

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.8177, 6.9256, 5.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0978, 9.7140, 2.6429 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, 36, 36)` looks like.

```
.text, #text, p{  
  color:rgb(168, 36, 36)  
}
```

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, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 36, 36) }
```

Border

The CSS property to change the border of an element to XYZ 17.0978, 9.7140, 2.6429 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, 36, 36) }
```


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

```
.border{ border-color:rgb(168, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(168, 36,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0978, 9.7140, 2.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 36, 36) }
```

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

```
.background{ background-color: rgb(168, 36,  
36) }
```

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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