

Converting Colors

XYZ(17.1547, 9.2242, 6.8325)

Have a look what the booklet for
XYZ(17.1547, 9.2242, 6.8325)
contains.

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Color

**XYZ(17.2108, 9.2572,
6.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	A61947
RGB	166, 25, 71
RGB Percent	65%, 10%, 28%
CMY	0.3490, 0.9019, 0.7216
CMYK	0.00, 0.85, 0.57, 0.35
HSL	340°, 74%, 37%
HSV	340°, 85%, 65%
XYZ	17.2108, 9.2572, 6.8409
YIQ	72.4030, 69.2700, 44.1980

Conversions

Conversions Part 2

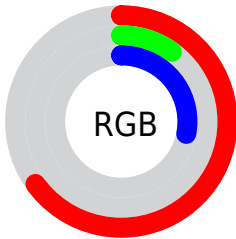
Format	Color
RYB	166, 25, 71
Decimal	10885447
CIELab	36.47, 56.69, 10.97
CIELCh	36, 57.739, 10.948
Yxy	9.2572, 0.5167, 0.2779
Android (android.graphics.Color)	4289075527 (0xFFA61947)
YUV	72.4030, -0.6917, 82.0846
Hunter-Lab	30.4256, 47.7268, 7.9672

Details

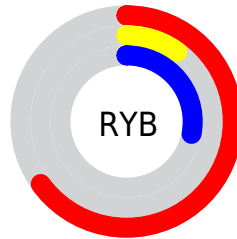
The XYZ color **17.2108, 9.2572, 6.8409** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17.4284, 28.8355, 22.4210**, and the grayscale version is **6.2231, 6.5472, 7.1299**.

A 20% lighter version of the original color is **38.1020, 24.3171, 20.1382**, and **6.2730, 3.2096, 1.3875** is the 20% darker color. If you saturate the color by 10%, you get **16.6278, 8.6139, 5.0356**, and if you desaturate by 10%, it is **18.0702, 10.3477, 9.0646**.

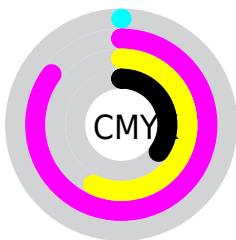
Distribution



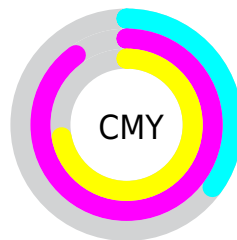
- Red (65%)
- Green (10%)
- Blue (28%)



- Red (65%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (35%)





- Cyan (35%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2108, 9.2572, 6.8409 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 17.2108, 9.2572, 6.8409 by changing the saturation by 10% instead.


 17.2108, 9.2572,
6.8409


 17.2108, 9.2572,
6.8409


229.5169,
185.2852, 175.9156


 10.4811, 4.9093,
3.2859


 38.2286, 24.3887,
20.1598


 5.7838, 2.1942,
1.2424

 53.2474, 35.9410,
30.7608


 2.7535, 0.7168,
0.0139

 71.7600, 50.6637,
44.5474

 1.0248, 0.0000,
0.0000

 94.1317, 68.9411,
61.9384

 0.0000, 0.0000,
0.0000

 120.7279, 91.1575,
83.3521

 151.9139,

117.6974, 109.2072

188.0551,
148.9451, 139.9222

■ 17.2108, 9.2572,
6.8409

■ 17.2108, 9.2572,
6.8409

■ 16.6278, 8.6139,
5.0356

■ 18.0702, 10.3477,
9.0646

■ 16.3950, 8.3746,
4.2602

■ 19.2419, 11.9516,
11.7350

■ 20.7563, 14.1248,
14.8778

■ 22.6398, 16.9151,
18.5161

■ 24.9159, 20.3655,
22.6717

■ 27.6063, 24.5150,
27.3645

■ 30.7310, 29.3994,
32.6139

■ 34.3086, 35.0524,
38.4377

■ 38.3567, 41.5052,
44.8532

Harmonies

Analogous

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



16.8281, 9.2572, 17.7823



17.2108, 9.2572, 6.8409



14.9325, 9.2572, 1.9846

Triad

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



17.2108, 9.2572, 6.8409



5.0803, 9.2572, 1.4008



6.7773, 9.2572, 41.5356

Complementary

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



17.2108, 9.2572, 6.8409



17.4284, 28.8355, 22.4210

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.



4.6275, 9.2572, 28.7536



17.2108, 9.2572, 6.8409



3.8428, 9.2572, 5.0013

Square

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



17.2108, 9.2572, 6.8409



7.5801, 9.2572, 0.4334



3.7027, 9.2572, 14.2065



10.1414, 9.2572, 43.3766

Rectangle

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



17.2108, 9.2572, 6.8409



12.4932, 9.2572, 0.8679



3.7027, 9.2572, 14.2065



5.9154, 9.2572, 38.1104

Sweetspot

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



17.2110, 9.2578, 6.8410



49.8230, 44.0577, 49.1847



14.8392, 7.3713, 36.7168



10.7639, 9.2622, 10.3414



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.



17.2110, 9.2578, 6.8410



29.6687, 15.1645, 7.2738



16.9794, 10.3332, 2.0201



7.6282, 7.5812, 8.3595



12.7331, 6.5020, 3.4063



0.3332, 0.1675, 0.2059

Inverse Universe

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



17.2110, 9.2578, 6.8410



29.6687, 15.1645, 7.2738



17.0320, 22.4557, 39.5128



7.6282, 7.5812, 8.3595



12.7331, 6.5020, 3.4063



0.3332, 0.1675, 0.2059

Previews

White Background



This preview shows how the XYZ color 17.2108, 9.2572, 6.8409 looks on a white background.

Color Contrast Check

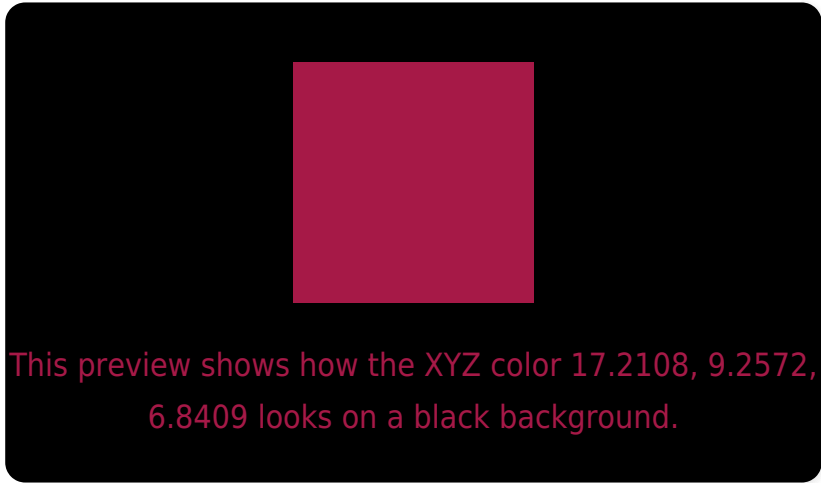
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2108, 9.2572, 6.8409

Background



This preview shows how black text looks on a background with the XYZ color 17.2108, 9.2572, 6.8409.



This preview shows how white text looks on a background with the XYZ color 17.2108, 9.2572,

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

17.2108, 9.2572, 6.8409

Protanopia

9.4548, 9.6678, 13.4243

Deuteranopia

9.6893, 9.5944, 6.1917



Tritanopia

16.4664, 9.3885, 2.6133

Trichromacy



Original Color

17.2108, 9.2572, 6.8409

Protanomaly

10.5760, 7.9655, 10.4313

Deuteranomaly

11.3948, 8.3959, 6.3302

Tritanomaly

16.5879, 9.2541, 3.8177

Monochromacy



Original Color

17.2108, 9.2572, 6.8409

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

8.4797, 6.2644, 6.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2108, 9.2572, 6.8409 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(166, 25, 71)` looks like.

```
.text, #text, p{  
    color:rgb(166, 25, 71)  
}
```

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(166, 25, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 25, 71) }
```

Border

The CSS property to change the border of an element to XYZ 17.2108, 9.2572, 6.8409 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(166, 25, 71) }
```


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

```
.border{ border-color:rgb(166, 25, 71) }
```

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

Here you see how a box with a 4 pixel rgb(166, 25, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 25, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 25, 71);  
box-shadow:4px 4px 4px 4px rgb(166, 25,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2108, 9.2572, 6.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 25, 71) }
```

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

```
.background{ background-color: rgb(166, 25,  
71) }
```

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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