

Converting Colors

XYZ(18.0217, 9.8870, 2.8706)

Have a look what the booklet for
XYZ(18.0217, 9.8870, 2.8706)
contains.

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Color

**XYZ(18.0392, 9.9094,
2.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1D27
RGB	173, 29, 39
RGB Percent	68%, 11%, 15%
CMY	0.3216, 0.8862, 0.8471
CMYK	0.00, 0.83, 0.77, 0.32
HSL	356°, 71%, 40%
HSV	356°, 83%, 68%
XYZ	18.0392, 9.9094, 2.8814
YIQ	73.1960, 82.6140, 33.6380

Conversions

Conversions Part 2

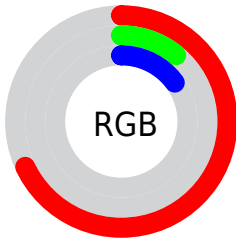
Format	Color
RYB	173, 29, 39
Decimal	11345191
CIELab	37.68, 55.96, 32.95
CIElCh	38, 64.944, 30.489
Yxy	9.9094, 0.5851, 0.3214
Android (android.graphics.Color)	4289535271 (0xFFAD1D27)
YUV	73.1960, -16.8586, 87.5281
Hunter-Lab	31.4792, 47.2011, 16.6084

Details

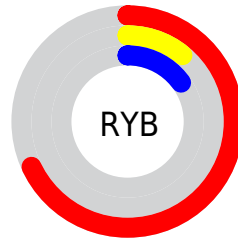
The XYZ color **18.0392, 9.9094, 2.8814** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22.0624, 32.7932, 39.8224**, and the grayscale version is **6.3865, 6.7191, 7.3171**.

A 20% lighter version of the original color is **39.5173, 25.6146, 11.2488**, and **6.6821, 3.4447, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **17.5152, 9.2017, 1.6584**, and if you desaturate by 10%, it is **18.9148, 11.1394, 4.7803**.

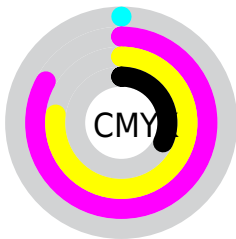
Distribution



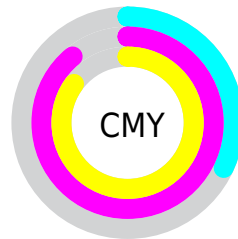
- Red (68%)
- Green (11%)
- Blue (15%)



- Red (68%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (83%)
- Yellow (77%)
- Black (32%)





- Cyan (32%)
- Magenta (89%)
- Yellow (85%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0392, 9.9094, 2.8814 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 18.0392, 9.9094, 2.8814 by changing the saturation by 10% instead.


 18.0392, 9.9094,
2.8814


 18.0392, 9.9094,
2.8814


234.1332,
190.0242, 134.8355


 11.0780, 5.3389,
1.0344


 39.6337, 25.6250,
11.3344

 6.1870, 2.4475,
0.0000


 54.9976, 37.5388,
18.7774

 3.0009, 0.8501,
0.0000

 73.8932, 52.6693,
28.9229

 1.1542, 0.0000,
0.0000

 96.6858, 71.4007,
42.1893

 0.0698, 0.0000,
0.0000

 123.7408, 94.1175,
58.9952

 0.0000, 0.0000,
0.0000

 155.4234,

121.2041, 79.7592

192.0991,
153.0449, 104.8998

18.0392, 9.9094,
2.8814

18.0392, 9.9094,
2.8814

17.5152, 9.2017,
1.6584

18.9148, 11.1394,
4.7803

17.2999, 8.9108,
1.1560

20.1889, 12.9649,
7.4334

21.9020, 15.4490,
10.9088

24.0894, 18.6466,
15.2670

26.7827, 22.6067,
20.5625

■ 30.0108, 27.3739,
26.8456

■ 33.8006, 32.9897,
34.1630

■ 38.1770, 39.4924,
42.5585

■ 43.1634, 46.9180,
52.0731

Harmonies

Analogous

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



19.7834, 9.9094, 10.5969



18.0392, 9.9094, 2.8814



13.8903, 9.9094, 0.5905

Triad

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



18.0392, 9.9094, 2.8814



4.0653, 9.9094, 3.0229



9.4865, 9.9094, 53.1674

Complementary

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



18.0392, 9.9094, 2.8814



22.0624, 32.7932, 39.8224

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.



6.0271, 9.9094, 45.0847



18.0392, 9.9094, 2.8814



3.5056, 9.9094, 10.9847

Square

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



18.0392, 9.9094, 2.8814



5.9405, 9.9094, 0.6293



4.1040, 9.9094, 26.9039



14.0428, 9.9094, 44.5836

Rectangle

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



18.0392, 9.9094, 2.8814



10.7908, 9.9094, 0.0639



4.1040, 9.9094, 26.9039



8.1680, 9.9094, 52.2708

Sweetspot

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



18.0394, 9.9100, 2.8815



52.3875, 47.0134, 45.4397



22.6806, 11.4736, 40.5543



10.9510, 9.5759, 9.0312



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



18.0394, 9.9100, 2.8815



30.9549, 15.9474, 1.9201



21.0284, 16.1189, 3.1661



8.0269, 8.0240, 8.4527



12.7178, 6.5497, 0.8937



0.3609, 0.1851, 0.0624

Inverse Universe

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



18.0394, 9.9100, 2.8815



30.9549, 15.9474, 1.9201



13.9555, 15.0898, 41.7122



8.0269, 8.0240, 8.4527



12.7178, 6.5497, 0.8937



0.3609, 0.1851, 0.0624

Previews

White Background



This preview shows how the XYZ color 18.0392, 9.9094, 2.8814 looks on a white background.

Color Contrast Check

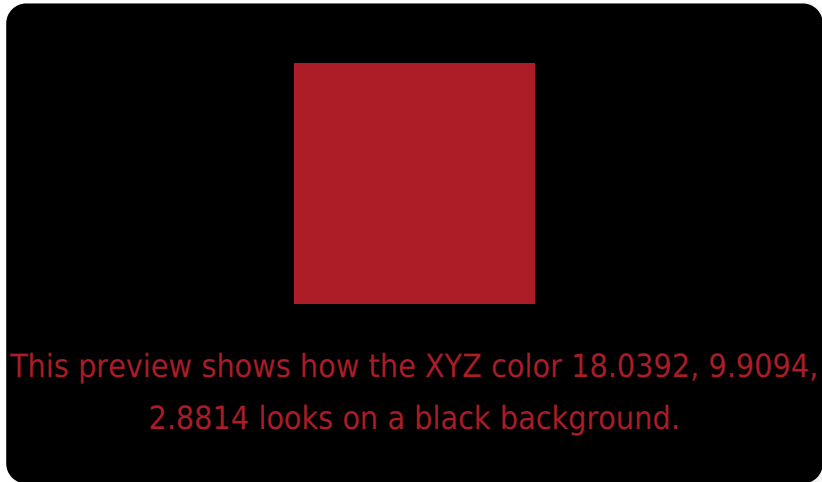
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0392, 9.9094, 2.8814

Background



This preview shows how black text looks on a background with the XYZ color 18.0392, 9.9094, 2.8814.



This preview shows how white text looks on a background with the XYZ color 18.0392, 9.9094,

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

18.0392, 9.9094, 2.8814

Protanopia

9.4317, 10.2044, 5.3434

Deuteranopia

10.3596, 10.2550, 2.5958



Tritanopia

17.9579, 9.9579, 2.2039

Trichromacy



Original Color

18.0392, 9.9094, 2.8814

Protanomaly

11.1003, 8.7245, 4.1166

Deuteranomaly

12.1565, 9.0413, 2.5433

Tritanomaly

17.9724, 9.9226, 2.4068

Monochromacy



Original Color

18.0392, 9.9094, 2.8814

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.6121, 6.5144, 5.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0392, 9.9094, 2.8814 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(173, 29, 39)` looks like.

```
.text, #text, p{  
    color:rgb(173, 29, 39)  
}
```

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(173, 29, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 29, 39) }
```

Border

The CSS property to change the border of an element to XYZ 18.0392, 9.9094, 2.8814 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(173, 29, 39) }
```


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

```
.border{ border-color:rgb(173, 29, 39) }
```

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

Here you see how a box with a 4 pixel rgb(173, 29, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 29, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 29, 39);  
box-shadow:4px 4px 4px 4px rgb(173, 29,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0392, 9.9094, 2.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 29, 39) }
```

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

```
.background{ background-color: rgb(173, 29,  
39) }
```

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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