

Converting Colors

XYZ(18.2038, 9.8653, 10.3959)

Have a look what the booklet for
XYZ(18.2038, 9.8653, 10.3959)
contains.

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Color

**XYZ(18.2038, 9.8653,
10.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	A71E59
RGB	167, 30, 89
RGB Percent	65%, 12%, 35%
CMY	0.3451, 0.8823, 0.6510
CMYK	0.00, 0.82, 0.47, 0.35
HSL	334°, 70%, 39%
HSV	334°, 82%, 65%
XYZ	18.2038, 9.8653, 10.3959
YIQ	77.6890, 62.7130, 47.3930

Conversions

Conversions Part 2

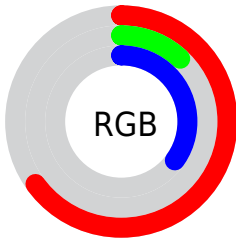
Format	Color
R_{YB}	167, 30, 89
Decimal	10952281
CIE _{Lab}	37.60, 57.18, 1.00
CIE _{LCh}	38, 57.188, 1.004
Yxy	9.8653, 0.4733, 0.2565
Android (android.graphics.Color)	4289142361 (0xFFA71E59)
YUV	77.6890, 5.5763, 78.3257
Hunter-Lab	31.4091, 48.4876, 2.3623

Details

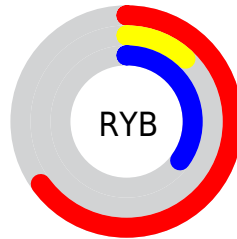
The XYZ color **18.2038, 9.8653, 10.3959** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17.0618, 28.9965, 18.8881**, and the grayscale version is **7.1655, 7.5386, 8.2096**.

A 20% lighter version of the original color is **40.0798, 25.6771, 27.2698**, and **6.7613, 3.4331, 2.6892** is the 20% darker color. If you saturate the color by 10%, you get **17.5135, 9.0830, 8.3214**, and if you desaturate by 10%, it is **19.1701, 11.1170, 12.8171**.

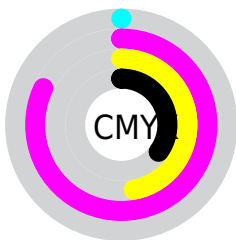
Distribution



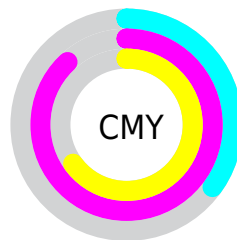
- Red (65%)
- Green (12%)
- Blue (35%)



- Red (65%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (82%)
- Yellow (47%)
- Black (35%)





- Cyan (35%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2038, 9.8653, 10.3959 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 18.2038, 9.8653, 10.3959 by changing the saturation by 10% instead.


 18.2038, 9.8653,
10.3959


 18.2038, 9.8653,
10.3959


235.0407,
189.7080, 204.0612

 11.1970, 5.3097,
5.5532


 39.9117, 25.5418,
27.1569


 6.2678, 2.4301,
2.5110


 55.3434, 37.4316,
39.9123

 3.0508, 0.8413,
0.8460

 74.3142, 52.5349,
56.1423

 1.1807, 0.0000,
0.0000

 97.1893, 71.2361,
76.2656

 0.0910, 0.0000,
0.0000

 124.3342, 93.9196,
100.7005

 0.0000, 0.0000,
0.0000

 156.1141,

120.9698, 129.8658

192.8945,
152.7712, 164.1798

■ 18.2038, 9.8653,
10.3959

■ 18.2038, 9.8653,
10.3959

■ 17.5135, 9.0830,
8.3214

■ 19.1701, 11.1170,
12.8171

■ 17.1032, 8.6822,
6.8903

■ 20.4444, 12.8993,
15.6046

■ 22.0551, 15.2659,
18.7765

■ 24.0267, 18.2632,
22.3495

■ 26.3814, 21.9332,
26.3389

■ 29.1395, 26.3139,
30.7590

■ 32.3199, 31.4408,
35.6234

■ 35.9402, 37.3466,
40.9453

■ 40.0171, 44.0624,
46.7368

Harmonies

Analogous

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



16.8806, 9.8653, 23.5979



18.2038, 9.8653, 10.3959



16.7007, 9.8653, 3.3961

Triad

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



18.2038, 9.8653, 10.3959



6.2279, 9.8653, 1.1123



6.3902, 9.8653, 39.3276

Complementary

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



18.2038, 9.8653, 10.3959



17.0618, 28.9965, 18.8881

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.



4.5852, 9.8653, 24.6357



18.2038, 9.8653, 10.3959



4.5098, 9.8653, 3.6848

Square

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



18.2038, 9.8653, 10.3959



9.2552, 9.8653, 0.5347



3.9956, 9.8653, 11.0950



9.4992, 9.8653, 45.5610

Rectangle

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



18.2038, 9.8653, 10.3959



14.4762, 9.8653, 1.5021



3.9956, 9.8653, 11.0950



5.6421, 9.8653, 34.8890

Sweetspot

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



18.2041, 9.8659, 10.3961



50.4126, 44.2935, 52.2890



13.5800, 6.8846, 37.1723



10.9086, 9.3201, 11.1034



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.



18.2041, 9.8659, 10.3961



30.6903, 15.6484, 12.4218



16.9011, 9.7698, 2.2240



7.6602, 7.5939, 8.5278



13.1112, 6.6532, 5.3971



0.3448, 0.1722, 0.2673

Inverse Universe

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



18.2041, 9.8659, 10.3961



30.6903, 15.6484, 12.4218



19.7150, 27.4747, 40.8232



7.6602, 7.5939, 8.5278



13.1112, 6.6532, 5.3971



0.3448, 0.1722, 0.2673

Previews

White Background



This preview shows how the XYZ color 18.2038, 9.8653, 10.3959 looks on a white background.

Color Contrast Check

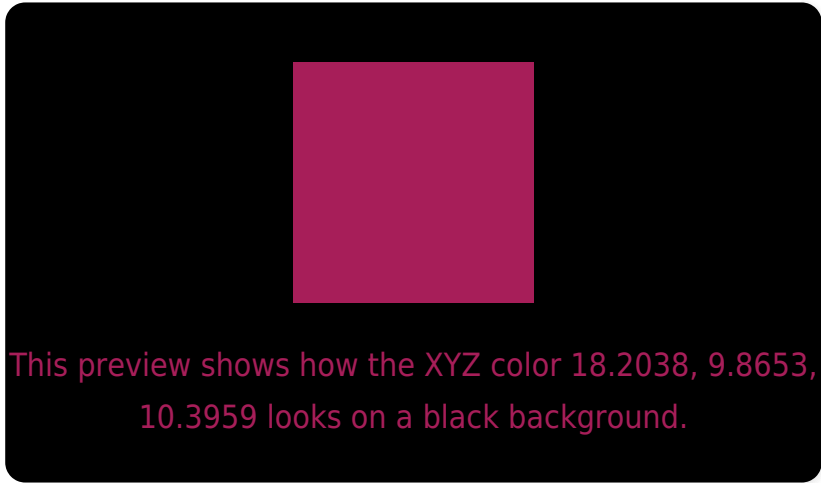
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2038, 9.8653, 10.3959

Background



This preview shows how black text looks on a background with the XYZ color 18.2038, 9.8653, 10.3959.



This preview shows how white text looks on a background with the XYZ color 18.2038, 9.8653,

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

18.2038, 9.8653, 10.3959

Protanopia

10.3935, 10.2554, 19.8440

Deuteranopia

10.2980, 10.1923, 9.4072



Tritanopia

16.8914, 9.9902, 3.5206

Trichromacy



Original Color

18.2038, 9.8653, 10.3959

Protanomaly

11.5637, 8.7048, 15.8226

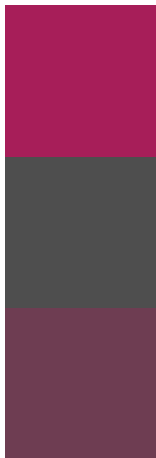
Deuteranomaly

12.0454, 8.9123, 9.6797

Tritanomaly

17.2937, 9.8950, 5.4133

Monochromacy



Original Color

18.2038, 9.8653, 10.3959

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

9.6221, 7.2617, 8.8771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2038, 9.8653, 10.3959 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(167, 30, 89)` looks like.

```
.text, #text, p{  
    color:rgb(167, 30, 89)  
}
```

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(167, 30, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 30, 89) }
```

Border

The CSS property to change the border of an element to XYZ 18.2038, 9.8653, 10.3959 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(167, 30, 89) }
```


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

```
.border{ border-color:rgb(167, 30, 89) }
```

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

Here you see how a box with a 4 pixel rgb(167, 30, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 30, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 30, 89);  
box-shadow:4px 4px 4px 4px rgb(167, 30,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2038, 9.8653, 10.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 30, 89) }
```

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

```
.background{ background-color: rgb(167, 30,  
89) }
```

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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