

Converting Colors

XYZ(18.2098, 11.9383, 28.9483)

Have a look what the booklet for
XYZ(18.2098, 11.9383, 28.9483)
contains.

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Color

**XYZ(18.2098, 11.9383,
28.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4593
RGB	140, 69, 147
RGB Percent	55%, 27%, 58%
CMY	0.4510, 0.7294, 0.4235
CMYK	0.05, 0.53, 0.00, 0.42
HSL	295°, 36%, 42%
HSV	295°, 53%, 58%
XYZ	18.2098, 11.9383, 28.9483
YIQ	99.1210, 17.2780, 39.3100

Conversions

Conversions Part 2

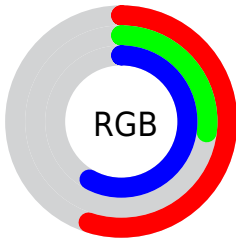
Format	Color
R_{YB}	140, 69, 147
Decimal	9192851
CIE _{Lab}	41.12, 42.05, -30.12
CIE _{LCh}	41, 51.723, 324.380
Yxy	11.9383, 0.3081, 0.2020
Android (android.graphics.Color)	4287382931 (0xFF8C4593)
YUV	99.1210, 23.6043, 35.8509
Hunter-Lab	34.5518, 33.6088, -25.4882

Details

The XYZ color **18.2098, 11.9383, 28.9483** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **14.4888, 22.8339, 9.2746**, and the grayscale version is **11.8300, 12.4461, 13.5538**.

A 20% lighter version of the original color is **39.7648, 29.2521, 58.8087**, and **6.2422, 3.2717, 11.3688** is the 20% darker color. If you saturate the color by 10%, you get **17.1942, 10.2349, 28.6732**, and if you desaturate by 10%, it is **19.4529, 14.0922, 29.2987**.

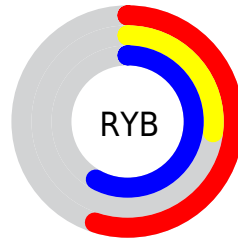
Distribution



Red (55%)

Green (27%)

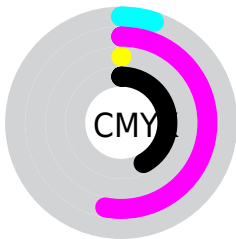
Blue (58%)



Red (55%)

Yellow (27%)

Blue (58%)

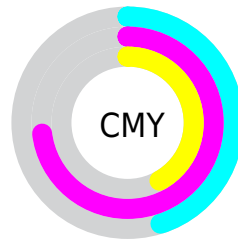


Cyan (5%)

Magenta (53%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2098, 11.9383, 28.9483 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 18.2098, 11.9383, 28.9483 by changing the saturation by 10% instead.

■ 18.2098, 11.9383,
28.9483

■ 18.2098, 11.9383,
28.9483

235.0737,
203.9964, 311.0242

■ 11.2013, 6.7017,
18.7965

■ 39.9218, 29.3827,
59.0361

■ 6.2707, 3.2762,
11.3480

■ 55.3560, 42.3592,
79.8092

■ 3.0526, 1.2776,
6.1843

■ 74.3295, 58.6845,
104.9598

■ 1.1816, 0.1238,
2.8869

■ 97.2076, 78.7430,
134.9065

■ 0.0918, 0.0000,
1.0372

■ 124.3558,
102.9190, 170.0677

■ 0.0000, 0.0000,
0.0000

156.1393,

131.5970, 210.8620

192.9235,
165.1613, 257.7080

■ 18.2098, 11.9383,
28.9483

■ 18.2098, 11.9383,
28.9483

■ 17.1942, 10.2349,
28.6732

■ 19.4529, 14.0922,
29.2987

■ 16.3881, 8.9467,
28.4670

■ 20.9374, 16.7252,
29.7287

■ 15.7725, 8.0356,
28.3236

■ 22.6776, 19.8656,
30.2431

■ 15.3246, 7.4562,
28.2354

■ 24.6861, 23.5388,
30.8463

■ 15.0676, 7.1592,
28.1916

■ 26.9751, 27.7687,
31.5421

■ 29.5555, 32.5776,
32.3343

■ 32.4381, 37.9868,
33.2264

■ 35.6328, 44.0161,
34.2218

■ 39.1493, 50.6849,
35.3237

Harmonies

Analogous

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



14.5624, 11.9383, 42.0013



18.2098, 11.9383, 28.9483



20.0559, 11.9383, 15.1095

Triad

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



18.2098, 11.9383, 28.9483



12.0619, 11.9383, 1.4135



6.0001, 11.9383, 23.4186

Complementary

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



18.2098, 11.9383, 28.9483



14.4888, 22.8339, 9.2746

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.



5.6141, 11.9383, 11.0944



18.2098, 11.9383, 28.9483



8.6435, 11.9383, 1.8448

Square

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



18.2098, 11.9383, 28.9483



16.0425, 11.9383, 2.4462



6.4698, 11.9383, 4.3470



7.6707, 11.9383, 37.7681

Rectangle

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



18.2098, 11.9383, 28.9483



19.7799, 11.9383, 8.5468



6.4698, 11.9383, 4.3470



5.7336, 11.9383, 18.7777

Sweetspot

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



18.2102, 11.9388, 28.9486



42.9787, 39.8957, 54.8700



10.3611, 8.6522, 28.7279



9.6574, 8.8259, 12.4794



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.2102, 11.9388, 28.9486



30.4348, 17.7457, 51.2558



17.3019, 11.7161, 17.8121



5.9846, 5.8830, 7.2899



13.0734, 6.2121, 24.4411



0.1721, 0.0823, 0.2997

Inverse Universe

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



15.4656, 10.9816, 8.1425



25.1095, 15.9234, 9.3074



15.1983, 23.0569, 15.7574



5.8207, 5.8233, 6.1619



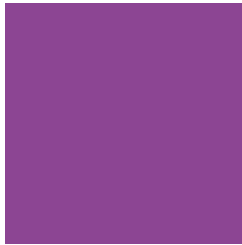
10.5002, 5.4051, 0.8493



0.1327, 0.0678, 0.0324

Previews

White Background



This preview shows how the XYZ color 18.2098, 11.9383, 28.9483 looks on a white background.

Color Contrast Check

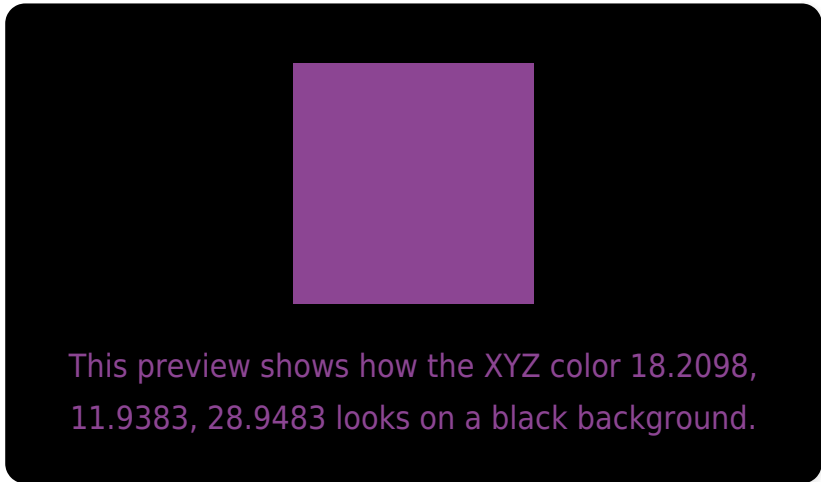
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2098, 11.9383, 28.9483

Background



This preview shows how black text looks on a background with the XYZ color 18.2098, 11.9383, 28.9483.



This preview shows how white text looks on a background with the XYZ color 18.2098, 11.9383,

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

18.2098, 11.9383, 28.9483

Protanopia

13.4623, 12.1767, 39.6710

Deuteranopia

12.3816, 12.1646, 27.2866



Tritanopia

14.6116, 11.9112, 11.2018

Trichromacy



Original Color

18.2098, 11.9383, 28.9483

Protanomaly

14.2630, 11.5395, 35.6580

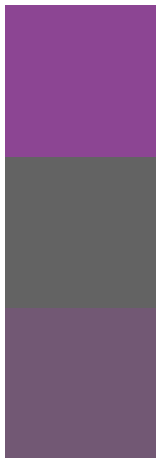
Deuteranomaly

13.8091, 11.5967, 27.8961

Tritanomaly

15.7470, 11.8307, 16.4925

Monochromacy



Original Color

18.2098, 11.9383, 28.9483

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.5815, 11.8178, 18.0882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2098, 11.9383, 28.9483 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(140, 69, 147)` looks like.

```
.text, #text, p{  
    color:rgb(140, 69, 147)  
}
```

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(140, 69, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 69, 147) }
```

Border

The CSS property to change the border of an element to XYZ 18.2098, 11.9383, 28.9483 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(140, 69, 147) }
```


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

```
.border{ border-color:rgb(140, 69, 147) }
```

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

Here you see how a box with a 4 pixel rgb(140, 69, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 69, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 69, 147);  
box-shadow:4px 4px 4px 4px rgb(140, 69,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2098, 11.9383, 28.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 69, 147) }
```

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

```
.background{ background-color: rgb(140, 69,  
147) }
```

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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