

Converting Colors

XYZ(19.3835, 11.9414, 28.8871)

Have a look what the booklet for
XYZ(19.3835, 11.9414, 28.8871)
contains.

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Color

**XYZ(19.3835, 11.9414,
28.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	953E93
RGB	149, 62, 147
RGB Percent	58%, 24%, 58%
CMY	0.4157, 0.7568, 0.4235
CMYK	0.00, 0.58, 0.01, 0.42
HSL	301°, 41%, 41%
HSV	301°, 58%, 58%
XYZ	19.3835, 11.9414, 28.8871
YIQ	97.7030, 24.5670, 44.8790

Conversions

Conversions Part 2

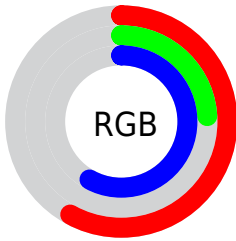
Format	Color
R _Y B	149, 62, 147
Decimal	9780883
CIE Lab	41.12, 48.09, -30.02
CIE LCh	41, 56.692, 328.021
Yxy	11.9414, 0.3219, 0.1983
Android (android.graphics.Color)	4287970963 (0xFF953E93)
YUV	97.7030, 24.3034, 44.9875
Hunter-Lab	34.5563, 39.6515, -25.3736

Details

The XYZ color **19.3835, 11.9414, 28.8871** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.6600, 22.8896, 8.5493**, and the grayscale version is **11.4737, 12.0712, 13.1455**.

A 20% lighter version of the original color is **41.7368, 29.2308, 58.7007**, and **6.8306, 3.2774, 11.3389** is the 20% darker color. If you saturate the color by 10%, you get **18.6549, 10.5269, 28.5119**, and if you desaturate by 10%, it is **20.3352, 13.8014, 29.3373**.

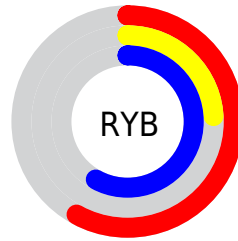
Distribution



Red (58%)

Green (24%)

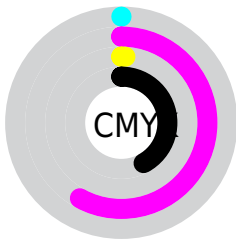
Blue (58%)



Red (58%)

Yellow (24%)

Blue (58%)

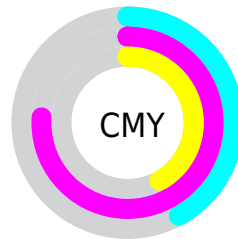


Cyan (0%)

Magenta (58%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3835, 11.9414, 28.8871 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 19.3835, 11.9414, 28.8871 by changing the saturation by 10% instead.

■ 19.3835, 11.9414,
28.8871

■ 19.3835, 11.9414,
28.8871

241.4555,
204.0170, 310.7261

■ 12.0534, 6.7038,
18.7506

■ 41.8930, 29.3883,
58.9377

■ 6.8525, 3.2776,
11.3152

■ 57.8031, 42.3664,
79.6889

■ 3.4155, 1.2783,
6.1624

■ 77.3039, 58.6935,
104.8154

■ 1.3771, 0.1243,
2.8737

■ 100.7607, 78.7539,
134.7357

■ 0.2398, 0.0000,
1.0305

■ 128.5389,
102.9321, 169.8684

■ 0.0000, 0.0000,
0.0000

161.0038,

131.6124, 210.6320

198.5209,
165.1792, 257.4451

■ 19.3835, 11.9414,
28.8871

■ 19.3835, 11.9414,
28.8871

■ 18.6549, 10.5269,
28.5119

■ 20.3352, 13.8014,
29.3373

■ 18.1295, 9.5188,
28.2047

■ 21.5252, 16.1383,
29.8672

■ 17.7860, 8.8745,
27.9585

■ 22.9690, 18.9825,
30.4821

■ 17.5802, 8.5057,
27.7587

■ 24.6804, 22.3617,
31.1866

■ 17.5499, 8.4518,
27.7274

■ 26.6719, 26.3012,
31.9849

■ 28.9557, 30.8251,
32.8810

■ 31.5430, 35.9557,
33.8786

■ 34.4443, 41.7144,
34.9813

■ 37.6700, 48.1216,
36.1926

Harmonies

Analogous

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



15.4459, 11.9414, 44.6012



19.3835, 11.9414, 28.8871



21.1265, 11.9414, 13.7931

Triad

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



19.3835, 11.9414, 28.8871



11.6229, 11.9414, 0.9961



5.7404, 11.9414, 26.6601

Complementary

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



19.3835, 11.9414, 28.8871



13.6600, 22.8896, 8.5493

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.



5.1794, 11.9414, 12.2420



19.3835, 11.9414, 28.8871



8.0508, 11.9414, 1.5471

Square

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



19.3835, 11.9414, 28.8871



16.0290, 11.9414, 1.7424



5.9140, 11.9414, 4.3676



7.6836, 11.9414, 42.8606

Rectangle

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



19.3835, 11.9414, 28.8871



20.5568, 11.9414, 7.2195



5.9140, 11.9414, 4.3676



5.4078, 11.9414, 21.2587

Sweetspot

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



19.3839, 11.9419, 28.8873



44.2059, 40.0604, 55.8534



9.2268, 6.6874, 29.2386



9.6051, 8.4995, 12.2998



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.



19.3839, 11.9419, 28.8873



33.0858, 18.2307, 50.8813



16.6188, 10.8359, 14.3263



6.0296, 5.9069, 7.2621



14.7721, 7.1139, 23.3445



0.1823, 0.0877, 0.2935

Inverse Universe

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



19.3839, 11.9419, 28.8873



33.0858, 18.2307, 50.8813



15.3858, 23.5800, 17.6373



6.0296, 5.9069, 7.2621



14.7721, 7.1139, 23.3445



0.1823, 0.0877, 0.2935

Previews

White Background



This preview shows how the XYZ color 19.3835, 11.9414, 28.8871 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



This preview shows how the XYZ color 19.3835, 11.9414, 28.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

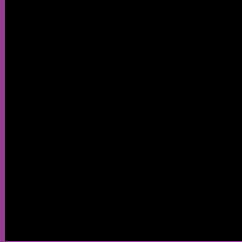
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3835, 11.9414, 28.8871

Background



This preview shows how black text looks on a background with the XYZ color 19.3835, 11.9414, 28.8871.



This preview shows how white text looks on a background with the XYZ color 19.3835, 11.9414,

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

19.3835, 11.9414, 28.8871

Protanopia

13.6736, 12.2185, 42.7120

Deuteranopia

12.3907, 12.1779, 26.8968



Tritanopia

15.5910, 11.9986, 10.0886

Trichromacy



Original Color

19.3835, 11.9414, 28.8871

Protanomaly

14.1992, 11.1273, 36.9967

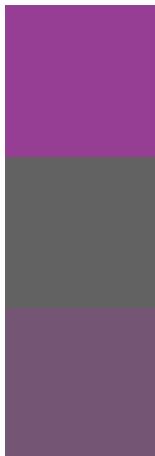
Deuteranomaly

13.9539, 11.3271, 27.4375

Tritanomaly

16.7664, 11.8675, 15.5943

Monochromacy



Original Color

19.3835, 11.9414, 28.8871

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.7370, 11.5399, 18.0264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3835, 11.9414, 28.8871 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(149, 62, 147)` looks like.

```
.text, #text, p{  
    color:rgb(149, 62, 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(149, 62, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 62, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.3835, 11.9414, 28.8871 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(149, 62, 147) }
```


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

```
.border{ border-color:rgb(149, 62, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 62, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 62, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 62, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 62,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3835, 11.9414, 28.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 62, 147) }
```

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

```
.background{ background-color: rgb(149, 62,  
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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