

Converting Colors

XYZ(18.4855, 11.6795, 27.0460)

Have a look what the booklet for
XYZ(18.4855, 11.6795, 27.0460)
contains.

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Color

**XYZ(18.3929, 11.6395,
26.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	91408E
RGB	145, 64, 142
RGB Percent	57%, 25%, 56%
CMY	0.4314, 0.7490, 0.4431
CMYK	0.00, 0.56, 0.02, 0.43
HSL	302°, 39%, 41%
HSV	302°, 56%, 57%
XYZ	18.3929, 11.6395, 26.8684
YIQ	97.1110, 23.2380, 41.4300

Conversions

Conversions Part 2

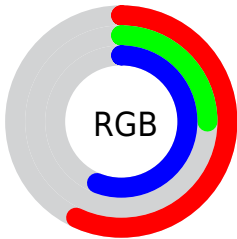
Format	Color
R _Y B	145, 64, 142
Decimal	9519246
CIE Lab	40.64, 45.08, -27.80
CIE LCh	41, 52.960, 328.342
Yxy	11.6395, 0.3232, 0.2046
Android (android.graphics.Color)	4287709326 (0xFF91408E)
YUV	97.1110, 22.1303, 41.9987
Hunter-Lab	34.1167, 36.5281, -22.8118

Details

The XYZ color **18.3929, 11.6395, 26.8684** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.2534, 21.7464, 8.8098**, and the grayscale version is **11.3333, 11.9235, 12.9847**.

A 20% lighter version of the original color is **40.2966, 28.8938, 55.6778**, and **6.3671, 3.1609, 10.1721** is the 20% darker color. If you saturate the color by 10%, you get **17.6390, 10.1957, 26.4187**, and if you desaturate by 10%, it is **19.3605, 13.5096, 27.3905**.

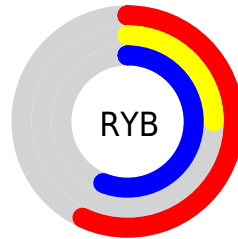
Distribution



Red (57%)

Green (25%)

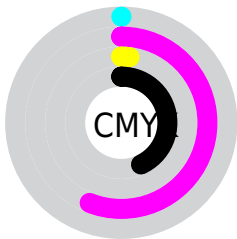
Blue (56%)



Red (57%)

Yellow (25%)

Blue (56%)

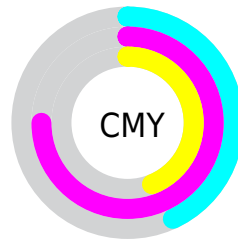


Cyan (0%)

Magenta (56%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3929, 11.6395, 26.8684 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 18.3929, 11.6395, 26.8684 by changing the saturation by 10% instead.

■ 18.3929, 11.6395,
26.8684

■ 18.3929, 11.6395,
26.8684

236.0794,
202.0039, 300.7594

■ 11.3338, 6.4987,
17.2428

■ 40.2305, 28.8368,
55.6738

■ 6.3608, 3.1506,
10.2440

■ 55.7398, 41.6621,
75.6907

■ 3.1084, 1.2109,
5.4533

■ 74.7966, 57.8177,
100.0085

■ 1.2114, 0.0706,
2.4523

■ 97.7661, 77.6880,
129.0457

■ 0.1153, 0.0000,
0.8147

■ 125.0138,
101.6573, 163.2208

■ 0.0000, 0.0000,
0.0000

156.9050,

130.1102, 202.9525

193.8051,
163.4309, 248.6591

■ 18.3929, 11.6395,
26.8684

■ 18.3929, 11.6395,
26.8684

■ 17.6390, 10.1957,
26.4187

■ 19.3605, 13.5096,
27.3905

■ 17.0805, 9.1430,
26.0350

■ 20.5555, 15.8346,
27.9892

■ 16.6987, 8.4430,
25.7111

■ 21.9920, 18.6424,
28.6695

■ 16.4651, 8.0392,
25.4376

■ 23.6827, 21.9580,
29.4354

■ 16.3835, 7.9023,
25.3297

■ 25.6392, 25.8051,
30.2909

■ 27.8725, 30.2056,
31.2396

■ 30.3931, 35.1802,
32.2850

■ 33.2108, 40.7487,
33.4305

■ 36.3349, 46.9297,
34.6790

Harmonies

Analogous

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



14.8452, 11.6395, 40.8626



18.3929, 11.6395, 26.8684



19.9333, 11.6395, 13.2793

Triad

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



18.3929, 11.6395, 26.8684



11.2726, 11.6395, 1.2166



5.8591, 11.6395, 25.1993

Complementary

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



18.3929, 11.6395, 26.8684



13.2534, 21.7464, 8.8098

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.



5.3139, 11.6395, 12.0863



18.3929, 11.6395, 26.8684



7.9848, 11.6395, 1.8096

Square

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



18.3929, 11.6395, 26.8684



15.2884, 11.6395, 1.9775



5.9965, 11.6395, 4.6394



7.6981, 11.6395, 39.5746

Rectangle

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



18.3929, 11.6395, 26.8684



19.4009, 11.6395, 7.2289



5.9965, 11.6395, 4.6394



5.5395, 11.6395, 20.3330

Sweetspot

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



18.3933, 11.6400, 26.8686



41.9294, 38.3762, 52.4988



9.2390, 6.8944, 27.6322



9.2056, 8.2976, 11.6242



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.3933, 11.6400, 26.8686



31.3028, 17.7167, 47.1263



15.8993, 10.6424, 13.7352



5.6177, 5.5076, 6.7511



14.0547, 6.7789, 21.7373



0.1361, 0.0655, 0.2170

Inverse Universe

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



18.3933, 11.6400, 26.8686



31.3028, 17.7167, 47.1263



14.9046, 22.4069, 17.5052



5.6177, 5.5076, 6.7511



14.0547, 6.7789, 21.7373



0.1361, 0.0655, 0.2170

Previews

White Background



This preview shows how the XYZ color 18.3929, 11.6395, 26.8684 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

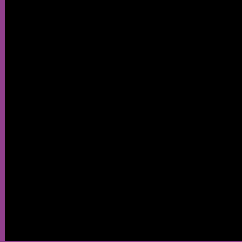
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3929, 11.6395, 26.8684

Background



This preview shows how black text looks on a background with the XYZ color 18.3929, 11.6395, 26.8684.



This preview shows how white text looks on a background with the XYZ color 18.3929, 11.6395,

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

18.3929, 11.6395, 26.8684

Protanopia

13.1205, 11.8893, 38.6491

Deuteranopia

12.0872, 11.7844, 25.3045



Tritanopia

14.9169, 11.6511, 10.0570

Trichromacy



Original Color

18.3929, 11.6395, 26.8684

Protanomaly

13.8655, 11.0169, 34.1966

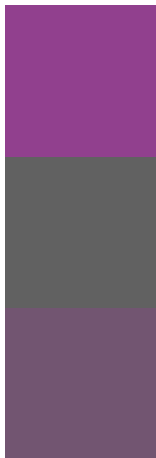
Deuteranomaly

13.6562, 11.2080, 25.8697

Tritanomaly

16.0348, 11.6009, 15.0297

Monochromacy



Original Color

18.3929, 11.6395, 26.8684

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.1686, 11.2667, 17.1034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3929, 11.6395, 26.8684 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(145, 64, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 64, 142)  
}
```

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(145, 64, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 64, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.3929, 11.6395, 26.8684 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(145, 64, 142) }
```


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

```
.border{ border-color:rgb(145, 64, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 64, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 64, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 64, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 64,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3929, 11.6395, 26.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 64, 142) }
```

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

```
.background{ background-color: rgb(145, 64,  
142) }
```

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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