

Converting Colors

XYZ(18.0380, 11.4402, 17.9593)

Have a look what the booklet for
XYZ(18.0380, 11.4402, 17.9593)
contains.

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Color

**XYZ(18.0165, 11.3941,
18.0793)**

Conversions

Conversions Part 1	
Format	Color
Hex	993D75
RGB	153, 61, 117
RGB Percent	60%, 24%, 46%
CMY	0.4000, 0.7608, 0.5412
CMYK	0.00, 0.60, 0.24, 0.40
HSL	323°, 43%, 42%
HSV	323°, 60%, 60%
XYZ	18.0165, 11.3941, 18.0793
YIQ	94.8920, 36.8560, 36.9200

Conversions

Conversions Part 2

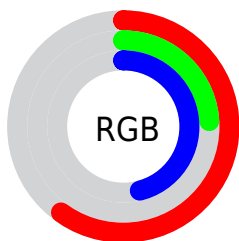
Format	Color
RYB	153, 61, 117
Decimal	10042741
CIELab	40.24, 44.82, -12.97
CIELCh	40, 46.659, 343.864
Yxy	11.3941, 0.3794, 0.2399
Android (android.graphics.Color)	4288232821 (0xFF993D75)
YUV	94.8920, 10.8992, 50.9607
Hunter-Lab	33.7551, 36.2012, -8.1272

Details

The XYZ color **18.0165, 11.3941, 18.0793** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.4739, 24.6380, 15.2504**, and the grayscale version is **10.8204, 11.3839, 12.3970**.

A 20% lighter version of the original color is **39.6449, 28.3765, 40.9238**, and **6.2198, 3.0823, 5.8974** is the 20% darker color. If you saturate the color by 10%, you get **16.9724, 9.8513, 16.0496**, and if you desaturate by 10%, it is **19.3168, 13.4130, 20.3057**.

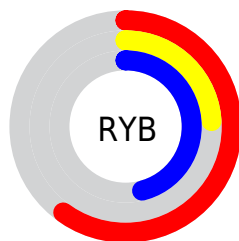
Distribution



Red (60%)

Green (24%)

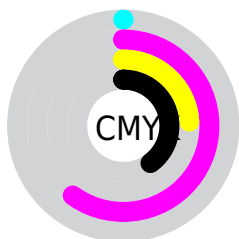
Blue (46%)



Red (60%)

Yellow (24%)

Blue (46%)

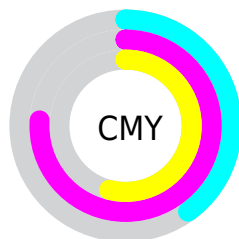


Cyan (0%)

Magenta (60%)

Yellow (24%)

Black (40%)



Cyan (40%)


Magenta (76%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0165, 11.3941, 18.0793 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 18.0165, 11.3941, 18.0793 by changing the saturation by 10% instead.


 18.0165, 11.3941,
18.0793


 18.0165, 11.3941,
18.0793


234.0078,
200.3517, 253.5687


 11.0616, 6.3326,
10.8369


 39.5953, 28.3867,
40.9882


 6.1759, 3.0483,
5.8445


 54.9499, 41.0865,
57.4917


 2.9940, 1.1570,
2.6835


 73.8351, 57.1012,
77.9194

 1.1506, 0.0262,
0.9351

 96.6163, 76.8151,
102.6898

 0.0668, 0.0000,
0.0000


 123.6588,
100.6128, 132.2213


 0.0000, 0.0000,
0.0000

155.3280,


128.8785, 166.9327


191.9892,
161.9967, 207.2423


 18.0165, 11.3941,
18.0793


 18.0165, 11.3941,
18.0793


 16.9724, 9.8513,
16.0496


 19.3168, 13.4130,
20.3057

 16.1627, 8.7419,
14.2070


 20.8907, 15.9426,
22.7363

 15.5632, 8.0185,
12.5415

 22.7552, 19.0160,
25.3788

 15.1184, 7.5649,
11.0490

 24.9256, 22.6633,
28.2403

 27.4160, 26.9121,
31.3273

■ 30.2397, 31.7883,
34.6460

■ 33.4092, 37.3164,
38.2024

■ 36.9364, 43.5195,
42.0022

■ 40.8323, 50.4194,
46.0508

Harmonies

Analogous

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



15.7671, 11.3941, 30.3180



18.0165, 11.3941, 18.0793



18.1068, 11.3941, 8.5904

Triad

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



18.0165, 11.3941, 18.0793



9.3993, 11.3941, 1.8764



6.9176, 11.3941, 29.4160

Complementary

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



18.0165, 11.3941, 18.0793



15.4739, 24.6380, 15.2504

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.



5.8221, 11.3941, 17.2118



18.0165, 11.3941, 18.0793



7.0485, 11.3941, 3.4552

Square

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



18.0165, 11.3941, 18.0793



12.6624, 11.3941, 1.9290



5.8646, 11.3941, 8.0646



9.1830, 11.3941, 38.7899

Rectangle

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



18.0165, 11.3941, 18.0793



16.8969, 11.3941, 4.8630



5.8646, 11.3941, 8.0646



6.4226, 11.3941, 25.3018

Sweetspot

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



18.0168, 11.3947, 18.0795



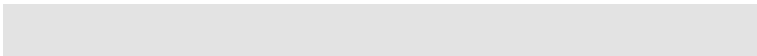
45.3866, 41.8558, 51.5248



12.2711, 8.1393, 31.0615



9.7724, 8.8195, 11.0595



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.0168, 11.3947, 18.0795



29.8732, 16.9059, 27.6195



15.9671, 10.5748, 7.2856



6.3587, 6.2827, 7.2692



12.5117, 6.2589, 9.2196



0.2048, 0.1007, 0.2315

Inverse Universe

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



18.0168, 11.3947, 18.0795



29.8732, 16.9059, 27.6195



18.2187, 25.7359, 29.7040



6.3587, 6.2827, 7.2692



12.5117, 6.2589, 9.2196



0.2048, 0.1007, 0.2315

Previews

White Background



This preview shows how the XYZ color 18.0165, 11.3941, 18.0793 looks on a white background.

Color Contrast Check

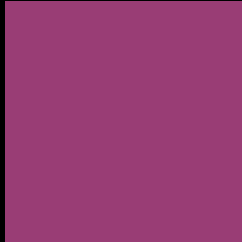
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0165, 11.3941, 18.0793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

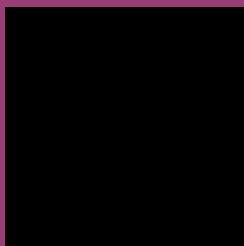
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0165, 11.3941, 18.0793

Background



This preview shows how black text looks on a background with the XYZ color 18.0165, 11.3941, 18.0793.



This preview shows how white text looks on a background with the XYZ color 18.0165, 11.3941,

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

18.0165, 11.3941, 18.0793

Protanopia

12.1187, 11.6340, 26.8062

Deuteranopia

11.7687, 11.5399, 16.9364



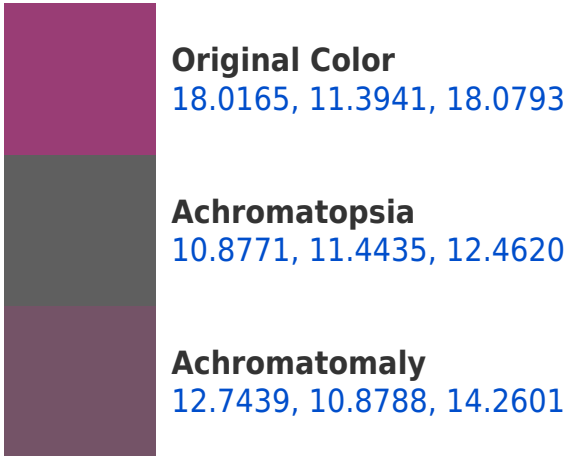
Tritanopia

15.9522, 11.4178, 8.2006

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0165, 11.3941, 18.0793 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(153, 61, 117) looks like.

```
.text, #text, p{  
    color:rgb(153, 61, 117)  
}
```

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(153, 61, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 61, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.0165, 11.3941, 18.0793 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(153, 61, 117) }
```


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

```
.border{ border-color:rgb(153, 61, 117) }
```

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

Here you see how a box with a 4 pixel rgb(153, 61, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 61, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 61, 117);  
box-shadow:4px 4px 4px 4px rgb(153, 61,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0165, 11.3941, 18.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 61, 117) }
```

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

```
.background{ background-color: rgb(153, 61,  
117) }
```

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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