

Converting Colors

XYZ(17.5849, 11.0727, 18.9830)

Have a look what the booklet for
XYZ(17.5849, 11.0727, 18.9830)
contains.

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Color

**XYZ(17.5837, 11.0718,
18.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	963C78
RGB	150, 60, 120
RGB Percent	59%, 24%, 47%
CMY	0.4118, 0.7647, 0.5294
CMYK	0.00, 0.60, 0.20, 0.41
HSL	320°, 43%, 41%
HSV	320°, 60%, 59%
XYZ	17.5837, 11.0718, 18.9796
YIQ	93.7500, 34.3800, 37.7400

Conversions

Conversions Part 2

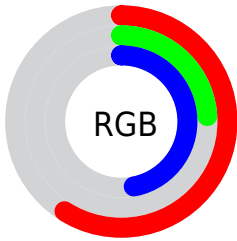
Format	Color
R_{YB}	150, 60, 120
Decimal	9845880
CIE _{Lab}	39.70, 44.81, -15.69
CIE _{LCh}	40, 47.476, 340.707
Yxy	11.0718, 0.3691, 0.2324
Android (android.graphics.Color)	4288035960 (0xFF963C78)
YUV	93.7500, 12.9413, 49.3312
Hunter-Lab	33.2743, 36.0977, -10.5269

Details

The XYZ color **17.5837, 11.0718, 18.9796** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.6158, 23.5119, 13.4418**, and the grayscale version is **10.5455, 11.0947, 12.0822**.

A 20% lighter version of the original color is **38.6942, 27.6887, 42.3348**, and **5.9612, 2.9417, 6.2149** is the 20% darker color. If you saturate the color by 10%, you get **16.6108, 9.5990, 17.1970**, and if you desaturate by 10%, it is **18.7959, 12.9975, 20.9204**.

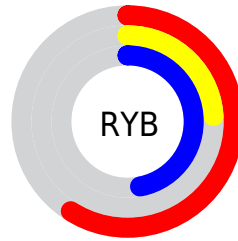
Distribution



Red (59%)

Green (24%)

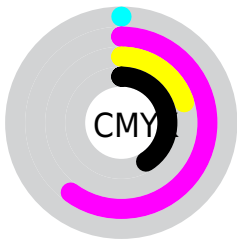
Blue (47%)



Red (59%)

Yellow (24%)

Blue (47%)

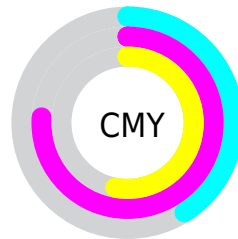


Cyan (0%)

Magenta (60%)

Yellow (20%)

Black (41%)



Cyan (41%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5837, 11.0718, 18.9796 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 17.5837, 11.0718, 18.9796 by changing the saturation by 10% instead.

■ 17.5837, 11.0718,
18.9796

■ 17.5837, 11.0718,
18.9796

231.6052,
198.1595, 258.7551

■ 10.7494, 6.1151,
11.4789

■ 38.8623, 27.7929,
42.5359

■ 5.9646, 2.9152,
6.2717

■ 54.0374, 40.3261,
59.4285

■ 2.8640, 1.0876,
2.9395

■ 72.7234, 56.1536,
80.2888

■ 1.0823, 0.0000,
1.0638

■ 95.2857, 75.6598,
105.5354

■ 0.0102, 0.0000,
0.0000

■ 122.0897, 99.2291,
135.5868

■ 0.0000, 0.0000,
0.0000

■ 153.5007,

127.2459, 170.8615

189.8841,
160.0945, 211.7781

■ 17.5837, 11.0718,
18.9796

■ 17.5837, 11.0718,
18.9796

■ 16.6108, 9.5990,
17.1970

■ 18.7959, 12.9975,
20.9204

■ 15.8566, 8.5386,
15.5642

■ 20.2636, 15.4089,
23.0256

■ 15.2984, 7.8458,
14.0726

■ 22.0031, 18.3375,
25.3019

■ 14.8780, 7.4043,
12.7014

■ 24.0285, 21.8116,
27.7551

■ 14.8779, 7.4041,
12.7010

■ 26.3534, 25.8577,
30.3908

■ 28.9901, 30.5004,
33.2142

■ 31.9504, 35.7627,
36.2302

■ 35.2454, 41.6667,
39.4437

■ 38.8858, 48.2332,
42.8590

Harmonies

Analogous

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



15.1426, 11.0718, 31.3216



17.5837, 11.0718, 18.9796



17.9265, 11.0718, 9.0293

Triad

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



17.5837, 11.0718, 18.9796



9.4056, 11.0718, 1.6395



6.4650, 11.0718, 27.8793

Complementary

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



17.5837, 11.0718, 18.9796



14.6158, 23.5119, 13.4418

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.



5.5040, 11.0718, 15.6915



17.5837, 11.0718, 18.9796



6.9544, 11.0718, 2.9468

Square

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



17.5837, 11.0718, 18.9796



12.7236, 11.0718, 1.8296



5.6625, 11.0718, 7.0606



8.5927, 11.0718, 38.0283

Rectangle

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



17.5837, 11.0718, 18.9796



16.8551, 11.0718, 5.0363



5.6625, 11.0718, 7.0606



6.0168, 11.0718, 23.6839

Sweetspot

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



17.5840, 11.0723, 18.9798



43.0418, 39.5948, 49.7229



11.3379, 7.6080, 29.7253



9.3115, 8.3820, 10.7540



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.



17.5840, 11.0723, 18.9798



28.8172, 16.2214, 29.3337



15.4640, 10.2243, 7.8158



5.9540, 5.8766, 6.8637



12.3546, 6.1469, 10.6142



0.1649, 0.0807, 0.2022

Inverse Universe

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



17.5840, 11.0723, 18.9798



28.8172, 16.2214, 29.3337



17.1434, 24.5229, 26.7519



5.9540, 5.8766, 6.8637



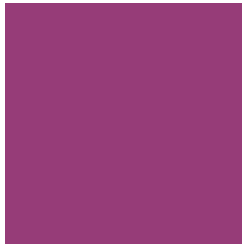
12.3546, 6.1469, 10.6142



0.1649, 0.0807, 0.2022

Previews

White Background



This preview shows how the XYZ color 17.5837, 11.0718, 18.9796 looks on a white background.

Color Contrast Check

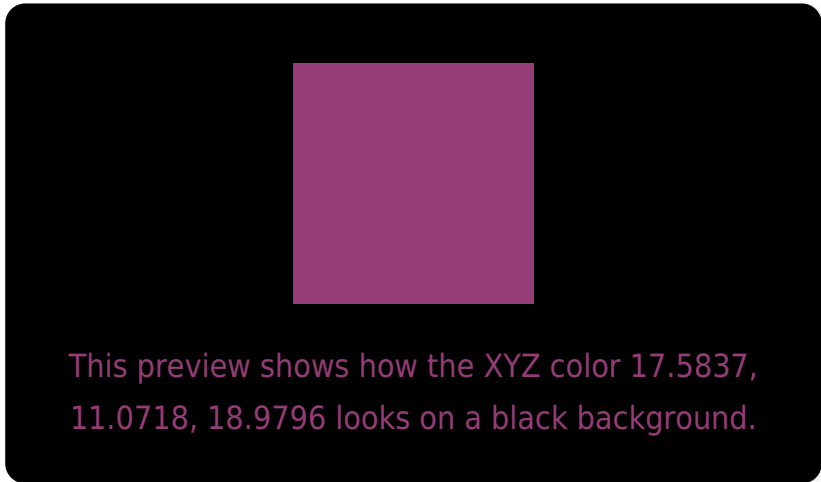
Large Text (above 18pt) WCAG AA ✓ Pass

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

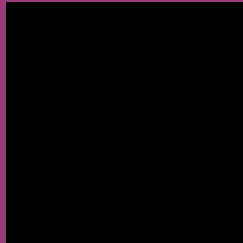
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5837, 11.0718, 18.9796

Background



This preview shows how black text looks on a background with the XYZ color 17.5837, 11.0718, 18.9796.



This preview shows how white text looks on a background with the XYZ color 17.5837, 11.0718,

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

17.5837, 11.0718, 18.9796

Protanopia

12.0057, 11.4095, 28.3576

Deuteranopia

11.4359, 11.2193, 17.7825



Tritanopia

15.4118, 11.1393, 8.1753

Trichromacy



Original Color

17.5837, 11.0718, 18.9796

Protanomaly

12.9799, 10.5460, 24.6440

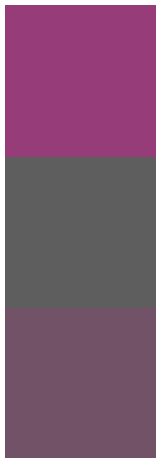
Deuteranomaly

13.0190, 10.5991, 18.1893

Tritanomaly

15.9715, 10.9901, 11.4047

Monochromacy



Original Color

17.5837, 11.0718, 18.9796

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.4049, 10.5913, 14.2225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5837, 11.0718, 18.9796 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(150, 60, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 60, 120)  
}
```

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(150, 60, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 60, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.5837, 11.0718, 18.9796 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(150, 60, 120) }
```


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

```
.border{ border-color:rgb(150, 60, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 60, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 60, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 60, 120);  
box-shadow:4px 4px 4px 4px rgb(150, 60,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5837, 11.0718, 18.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 60, 120) }
```

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

```
.background{ background-color: rgb(150, 60,  
120) }
```

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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