

Converting Colors

XYZ(11.7947, 5.9910, 19.6061)

Have a look what the booklet for
XYZ(11.7947, 5.9910, 19.6061)
contains.

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Color

**XYZ(11.7396, 5.9528,
19.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	79127C
RGB	121, 18, 124
RGB Percent	47%, 7%, 49%
CMY	0.5255, 0.9294, 0.5137
CMYK	0.02, 0.85, 0.00, 0.51
HSL	298°, 75%, 28%
HSV	298°, 85%, 49%
XYZ	11.7396, 5.9528, 19.5990
YIQ	60.8810, 27.3620, 54.8020

Conversions

Conversions Part 2

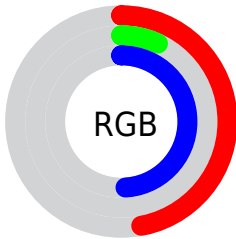
Format	Color
RYB	121, 18, 124
Decimal	7934588
CIELab	29.29, 53.78, -34.83
CIELCh	29, 64.072, 327.067
Yxy	5.9528, 0.3148, 0.1596
Android (android.graphics.Color)	4286124668 (0xFF79127C)
YUV	60.8810, 31.1177, 52.7244
Hunter-Lab	24.3984, 43.1905, -30.5483

Details

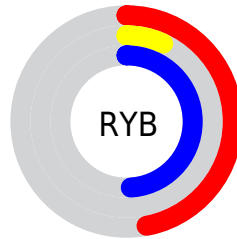
The XYZ color **11.7396, 5.9528, 19.5990** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.6262, 14.6185, 2.9922**, and the grayscale version is **4.3738, 4.6016, 5.0112**.

A 20% lighter version of the original color is **28.4942, 17.7122, 43.5120**, and **3.6199, 1.7234, 6.6204** is the 20% darker color. If you saturate the color by 10%, you get **11.5352, 5.6167, 19.5450**, and if you desaturate by 10%, it is **12.0473, 6.4949, 19.6875**.

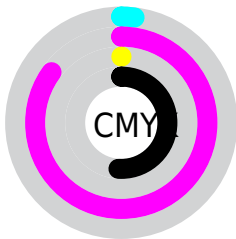
Distribution



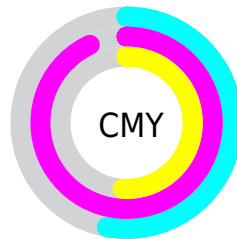
- Red (47%)
- Green (7%)
- Blue (49%)



- Red (47%)
- Yellow (7%)
- Blue (49%)



- Cyan (2%)
- Magenta (85%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7396, 5.9528, 19.5990 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 11.7396, 5.9528, 19.5990 by changing the saturation by 10% instead.

■ 11.7396, 5.9528,
19.5990

■ 11.7396, 5.9528,
19.5990

196.4790,
158.6546, 262.2680

■ 6.6376, 2.8164,
11.9227

■ 28.6409, 17.8331,
43.5939

■ 3.2808, 1.0366,
6.5692

■ 41.1709, 27.3458,
60.7497

■ 1.3039, 0.0000,
3.1198

■ 56.9076, 39.7528,
81.9023

■ 0.1862, 0.0000,
1.1561

■ 76.2164, 55.4383,
107.4704

■ 0.0000, 0.0000,
0.0000

■ 99.4625, 74.7869,
137.8725

■ 127.0115, 98.1829,

173.5271

159.2285,
126.0106, 214.8527

11.7396, 5.9528,
19.5990

11.7396, 5.9528,
19.5990

11.5352, 5.6167,
19.5450

12.0473, 6.4949,
19.6875

11.4522, 5.4836,
19.5237

12.4790, 7.2848,
19.8172

13.0477, 8.3487,
19.9926

13.7649, 9.7091,
20.2174

14.6406, 11.3863,
20.4950

■ 15.6840, 13.3987,
20.8284

■ 16.9038, 15.7635,
21.2206

■ 18.3078, 18.4965,
21.6741

■ 19.9035, 21.6126,
22.1915

Harmonies

Analogous

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



8.5902, 5.9528, 33.5953



11.7396, 5.9528, 19.5990



13.2440, 5.9528, 7.3326

Triad

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



11.7396, 5.9528, 19.5990



5.9478, 5.9528, 0.0000



2.0059, 5.9528, 16.7889

Complementary

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



11.7396, 5.9528, 19.5990



7.6262, 14.6185, 2.9922

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.



1.7188, 5.9528, 5.6991



11.7396, 5.9528, 19.5990



3.4828, 5.9528, 0.0000

Square

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



11.7396, 5.9528, 19.5990



9.2589, 5.9528, 0.0000



2.1521, 5.9528, 1.1018



3.1377, 5.9528, 31.2095

Rectangle

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



11.7396, 5.9528, 19.5990



12.8288, 5.9528, 2.8362



2.1521, 5.9528, 1.1018



1.8287, 5.9528, 12.3821

Sweetspot

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



11.7398, 5.9531, 19.5991



27.3760, 23.1451, 36.5812



4.1658, 2.1402, 19.2624



6.3202, 5.2053, 8.5747



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.7398, 5.9531, 19.5991



20.1328, 9.6393, 34.3561



9.7828, 5.2195, 7.0655



4.1438, 4.0720, 5.0108



11.6419, 5.5744, 19.8477



55.4058, 26.5247, 94.6694

Inverse Universe

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



8.6640, 4.7720, 1.1741



14.6524, 7.5507, 0.8157



8.4845, 14.9549, 7.8237



4.0025, 4.0167, 4.2107



8.4695, 4.3640, 0.4974



40.3472, 20.7952, 2.0924

Previews

White Background



This preview shows how the XYZ color 11.7396, 5.9528, 19.5990 looks on a white background.

Color Contrast Check

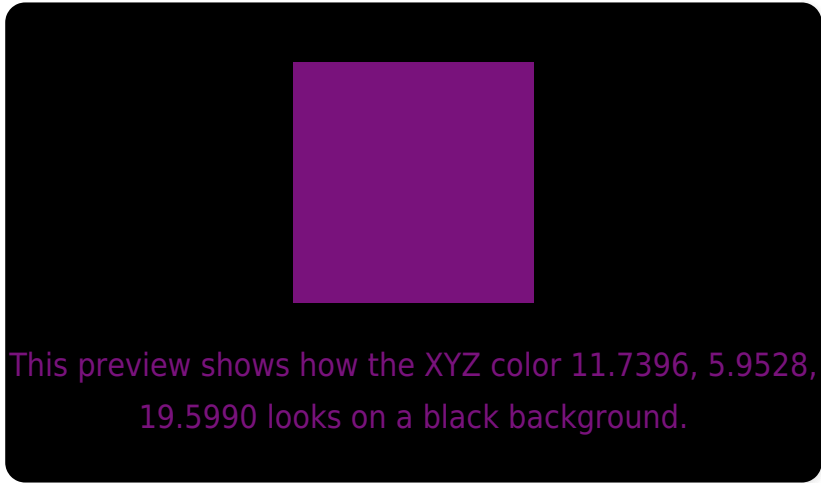
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

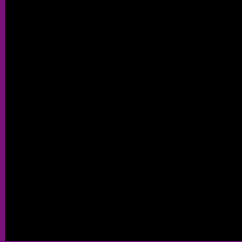
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7396, 5.9528, 19.5990

Background



This preview shows how black text looks on a background with the XYZ color 11.7396, 5.9528, 19.5990.



This preview shows how white text looks on a background with the XYZ color 11.7396, 5.9528,

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

11.7396, 5.9528, 19.5990

Protanopia

7.1780, 6.1786, 27.6023

Deuteranopia

6.3786, 6.2622, 17.7022



Tritanopia

8.6597, 6.1447, 4.2197

Trichromacy



Original Color

11.7396, 5.9528, 19.5990

Protanomaly

6.6947, 4.6228, 24.2064

Deuteranomaly

7.1439, 5.1141, 18.3799

Tritanomaly

9.3393, 5.7286, 8.0106

Monochromacy



Original Color

11.7396, 5.9528, 19.5990

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.1059, 4.3559, 8.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7396, 5.9528, 19.5990 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(121, 18, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 18, 124)  
}
```

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(121, 18, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 18, 124) }
```

Border

The CSS property to change the border of an element to XYZ 11.7396, 5.9528, 19.5990 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(121, 18, 124) }
```


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

```
.border{ border-color:rgb(121, 18, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 18, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 18, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 18, 124); box-shadow:4px 4px 4px 4px rgb(121, 18, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7396, 5.9528, 19.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 18, 124) }
```

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

```
.background{ background-color: rgb(121, 18,  
124) }
```

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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