

Converting Colors

XYZ(11.6383, 6.2616, 13.9367)

Have a look what the booklet for
XYZ(11.6383, 6.2616, 13.9367)
contains.

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Color

**XYZ(11.6716, 6.2707,
13.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1A69
RGB	127, 26, 105
RGB Percent	50%, 10%, 41%
CMY	0.5020, 0.8980, 0.5882
CMYK	0.00, 0.80, 0.17, 0.50
HSL	313°, 66%, 30%
HSV	313°, 80%, 50%
XYZ	11.6716, 6.2707, 13.9598
YIQ	65.2050, 34.8370, 45.9810

Conversions

Conversions Part 2

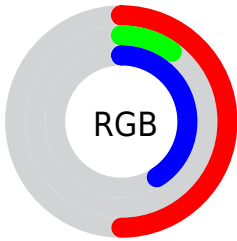
Format	Color
R_{YB}	127, 26, 105
Decimal	8329833
CIE _{Lab}	30.09, 49.88, -21.39
CIE _{LCh}	30, 54.273, 336.788
Yxy	6.2707, 0.3659, 0.1966
Android (android.graphics.Color)	4286519913 (0xFF7F1A69)
YUV	65.2050, 19.6189, 54.1942
Hunter-Lab	25.0414, 39.3752, -15.5234

Details

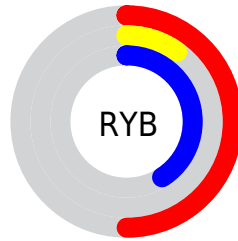
The XYZ color **11.6716, 6.2707, 13.9598** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **8.5492, 15.6120, 5.3597**, and the grayscale version is **5.0234, 5.2850, 5.7553**.

A 20% lighter version of the original color is **28.5465, 18.5022, 33.5192**, and **3.5626, 1.7513, 4.0212** is the 20% darker color. If you saturate the color by 10%, you get **11.3102, 5.7717, 13.1492**, and if you desaturate by 10%, it is **12.1627, 7.0216, 14.8366**.

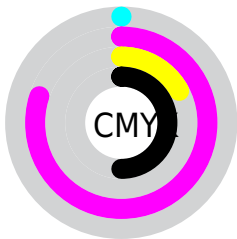
Distribution



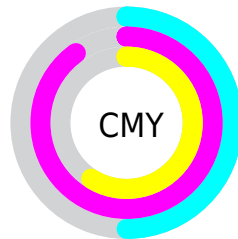
- Red (50%)
- Green (10%)
- Blue (41%)



- Red (50%)
- Yellow (10%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (90%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6716, 6.2707, 13.9598 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 11.6716, 6.2707, 13.9598 by changing the saturation by 10% instead.

■ 11.6716, 6.2707,
13.9598

■ 11.6716, 6.2707,
13.9598

196.0335,
161.4584, 228.4003

■ 6.5911, 3.0104,
7.9543

■ 28.5176, 18.4902,
33.7338

■ 3.2517, 1.1372,
3.9784

■ 41.0139, 28.2182,
48.3393

■ 1.2882, 0.0095,
1.6135

■ 56.7127, 40.8709,
66.6486

■ 0.1744, 0.0000,
0.3004

■ 75.9795, 56.8327,
89.0802

■ 0.0000, 0.0000,
0.0000

■ 99.1797, 76.4879,
116.0526

■ 126.6785,

100.2210, 147.9844

158.8413,
128.4164, 185.2942

11.6716, 6.2707,
13.9598

11.6716, 6.2707,
13.9598

11.3102, 5.7717,
13.1492

12.1627, 7.0216,
14.8366

11.0336, 5.4350,
12.3893

12.7977, 8.0527,
15.7844

11.0207, 5.4194,
12.3538

13.5894, 9.3898,
16.8076

14.5490, 11.0551,
17.9103

15.6868, 13.0691,
19.0960

■ 17.0122, 15.4505,
20.3681

■ 18.5337, 18.2165,
21.7296

■ 20.2597, 21.3835,
23.1836

■ 22.1978, 24.9667,
24.7327

Harmonies

Analogous

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



9.3904, 6.2707, 25.2792



11.6716, 6.2707, 13.9598



12.2462, 6.2707, 5.3040

Triad

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



11.6716, 6.2707, 13.9598



5.4012, 6.2707, 0.0000



2.8414, 6.2707, 19.1006

Complementary

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



11.6716, 6.2707, 13.9598



8.5492, 15.6120, 5.3597

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.



2.3062, 6.2707, 8.6184



11.6716, 6.2707, 13.9598



3.4872, 6.2707, 0.5877

Square

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



11.6716, 6.2707, 13.9598



8.1003, 6.2707, 0.1393



2.5034, 6.2707, 2.6647



4.2346, 6.2707, 29.4469

Rectangle

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



11.6716, 6.2707, 13.9598



11.4711, 6.2707, 2.2641



2.5034, 6.2707, 2.6647



2.5763, 6.2707, 15.2735

Sweetspot

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



11.6718, 6.2710, 13.9599



29.2236, 25.4312, 35.3046



5.4139, 2.8970, 20.3527



6.6775, 5.6591, 8.1059



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.6718, 6.2710, 13.9599



19.8907, 9.9108, 22.4973



9.8025, 5.5233, 4.1164



4.4593, 4.3969, 5.2232



11.1141, 5.4653, 12.4563



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6718, 6.2710, 13.9599



19.8907, 9.9108, 22.4973



10.2384, 16.2877, 14.2551



4.4593, 4.3969, 5.2232



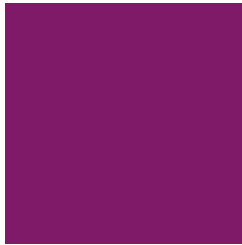
11.1141, 5.4653, 12.4563



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.6716, 6.2707, 13.9598 looks on a white background.

Color Contrast Check

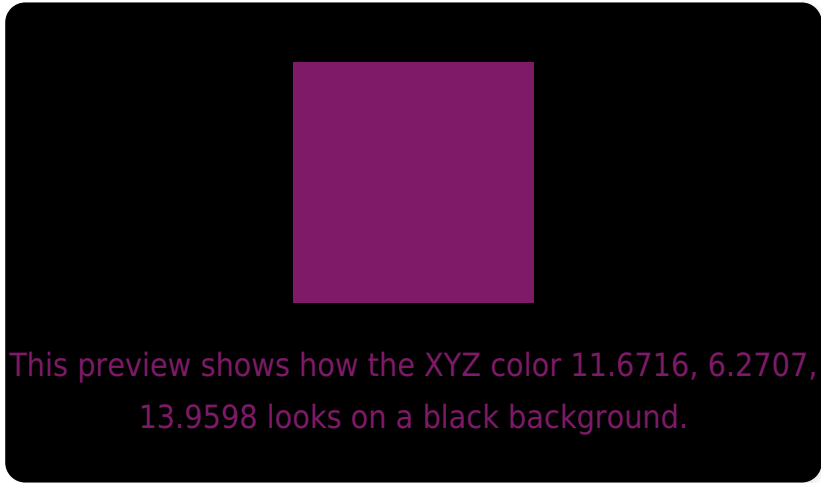
Large Text (above 18pt) WCAG AA ✓ Pass

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

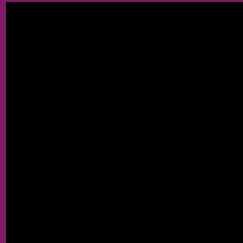
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6716, 6.2707, 13.9598

Background



This preview shows how black text looks on a background with the XYZ color 11.6716, 6.2707, 13.9598.



This preview shows how white text looks on a background with the XYZ color 11.6716, 6.2707,

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

11.6716, 6.2707, 13.9598

Protanopia

7.5333, 6.5794, 26.0722

Deuteranopia

6.6197, 6.4973, 12.7096



Tritanopia

9.6183, 6.4009, 3.7462

Trichromacy



Original Color

11.6716, 6.2707, 13.9598

Protanomaly

7.3954, 5.3207, 21.0593

Deuteranomaly

7.6456, 5.6982, 13.0088

Tritanomaly

10.1432, 6.1783, 6.4523

Monochromacy



Original Color

11.6716, 6.2707, 13.9598

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.6563, 5.0215, 8.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6716, 6.2707, 13.9598 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(127, 26, 105)` looks like.

```
.text, #text, p{  
    color:rgb(127, 26, 105)  
}
```

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(127, 26, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 26, 105) }
```

Border

The CSS property to change the border of an element to XYZ 11.6716, 6.2707, 13.9598 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(127, 26, 105) }
```


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

```
.border{ border-color:rgb(127, 26, 105) }
```

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

Here you see how a box with a 4 pixel rgb(127, 26, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 26, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 26, 105);  
box-shadow:4px 4px 4px 4px rgb(127, 26,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6716, 6.2707, 13.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 26, 105) }
```

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

```
.background{ background-color: rgb(127, 26,  
105) }
```

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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