

Converting Colors

XYZ(11.5242, 6.2359, 6.7898)

Have a look what the booklet for
XYZ(11.5242, 6.2359, 6.7898)
contains.

XYZ(11.4483, 6.1926, 6.7228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4483, 6.1926,
6.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	871648
RGB	135, 22, 72
RGB Percent	53%, 9%, 28%
CMY	0.4706, 0.9137, 0.7176
CMYK	0.00, 0.84, 0.47, 0.47
HSL	333°, 72%, 31%
HSV	333°, 84%, 53%
XYZ	11.4483, 6.1926, 6.7228
YIQ	61.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

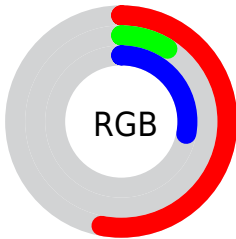
Format	Color
RYB	135, 22, 72
Decimal	8853064
CIELab	29.89, 49.11, 0.08
CIElCh	30, 49.113, 0.091
Yxy	6.1926, 0.4699, 0.2542
Android (android.graphics.Color)	4287043144 (0xFF871648)
YUV	61.4870, 5.1829, 64.4709
Hunter-Lab	24.8849, 38.5702, 1.4019

Details

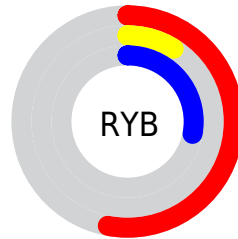
The XYZ color **11.4483, 6.1926, 6.7228** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.6351, 18.1546, 11.5399**, and the grayscale version is **4.4933, 4.7273, 5.1480**.

A 20% lighter version of the original color is **27.9971, 18.2999, 19.8259**, and **3.4462, 1.7510, 1.3187** is the 20% darker color. If you saturate the color by 10%, you get **11.0230, 5.7112, 5.4428**, and if you desaturate by 10%, it is **12.0384, 6.9554, 8.2062**.

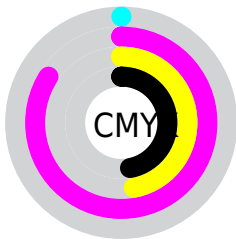
Distribution



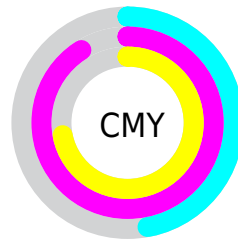
- Red (53%)
- Green (9%)
- Blue (28%)



- Red (53%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (84%)
- Yellow (47%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4483, 6.1926, 6.7228 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 11.4483, 6.1926, 6.7228 by changing the saturation by 10% instead.

■ 11.4483, 6.1926,
6.7228

■ 11.4483, 6.1926,
6.7228

194.5633,
160.7755, 174.8827

■ 6.4387, 2.9625,
3.2135

■ 28.1119, 18.3294,
19.9166

■ 3.1568, 1.1122,
1.2047

■ 40.4966, 28.0050,
30.4383

■ 1.2372, 0.0000,
0.0000

■ 56.0704, 40.5979,
44.1345

■ 0.1355, 0.0000,
0.0000

■ 75.1987, 56.4925,
61.4238

■ 0.0000, 0.0000,
0.0000

■ 98.2467, 76.0731,
82.7247

■ 125.5800, 99.7242,

108.4558

157.5637,
127.8302, 139.0356

11.4483, 6.1926,
6.7228

11.4483, 6.1926,
6.7228

11.0230, 5.7112,
5.4428

12.0384, 6.9554,
8.2062

10.8001, 5.4743,
4.7249

12.8129, 8.0373,
9.9046

13.7887, 9.4704,
11.8283

14.9804, 11.2825,
13.9869

16.4013, 13.4986,
16.3892

■ 18.0633, 16.1414,
19.0435

■ 19.9778, 19.2322,
21.9577

■ 22.1553, 22.7905,
25.1392

■ 24.6056, 26.8350,
28.5951

Harmonies

Analogous

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



10.5624, 6.1926, 15.1405



11.4483, 6.1926, 6.7228



10.5522, 6.1926, 2.2035

Triad

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



11.4483, 6.1926, 6.7228



3.9501, 6.1926, 0.6325



3.9594, 6.1926, 24.5312

Complementary

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



11.4483, 6.1926, 6.7228



10.6351, 18.1546, 11.5399

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.



2.8492, 6.1926, 15.1997



11.4483, 6.1926, 6.7228



2.8450, 6.1926, 2.2200

Square

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



11.4483, 6.1926, 6.7228



5.8789, 6.1926, 0.1697



2.5003, 6.1926, 6.7626



5.8928, 6.1926, 28.7031

Rectangle

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



11.4483, 6.1926, 6.7228



9.1703, 6.1926, 0.9695



2.5003, 6.1926, 6.7626



3.4975, 6.1926, 21.6862

Sweetspot

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



11.4485, 6.1930, 6.7229



31.7598, 27.9648, 33.1829



8.3302, 4.2154, 23.2963



7.1393, 6.1321, 7.3428



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.4485, 6.1930, 6.7229



19.2628, 9.7721, 8.0498



10.5438, 6.0233, 1.3664



4.7518, 4.7204, 5.3054



9.9656, 5.0506, 4.3913



0.0381, 0.0189, 0.0340

Inverse Universe

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



11.4485, 6.1930, 6.7229



19.2628, 9.7721, 8.0498



12.6008, 17.7130, 25.6765



4.7518, 4.7204, 5.3054



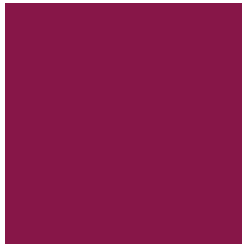
9.9656, 5.0506, 4.3913



0.0381, 0.0189, 0.0340

Previews

White Background



This preview shows how the XYZ color 11.4483, 6.1926, 6.7228 looks on a white background.

Color Contrast Check

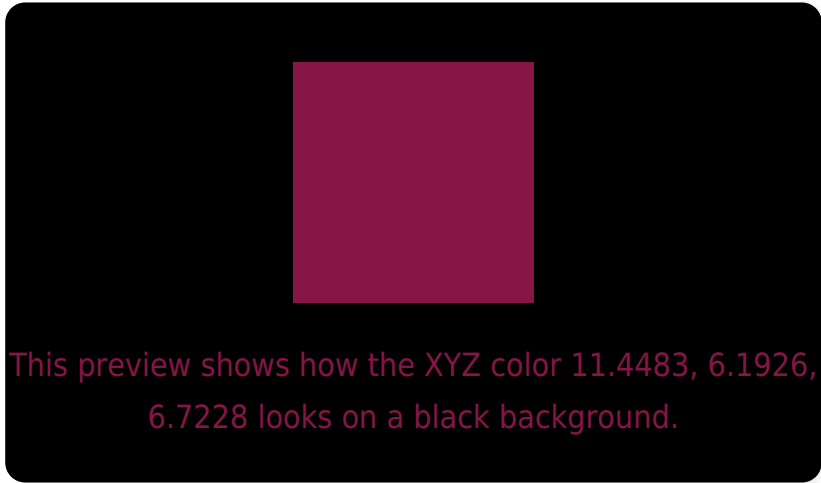
Large Text (above 18pt) WCAG AA ✓ Pass

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

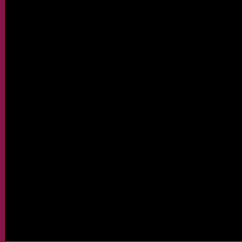
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4483, 6.1926, 6.7228

Background



This preview shows how black text looks on a background with the XYZ color 11.4483, 6.1926, 6.7228.



This preview shows how white text looks on a background with the XYZ color 11.4483, 6.1926,

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

11.4483, 6.1926, 6.7228

Protanopia

6.6678, 6.5166, 12.9630

Deuteranopia

6.5966, 6.5349, 6.2239



Tritanopia

10.5483, 6.2519, 2.2409

Trichromacy



Original Color

11.4483, 6.1926, 6.7228

Protanomaly

7.3350, 5.4581, 10.3398

Deuteranomaly

7.7141, 5.7426, 6.3321

Tritanomaly

10.8293, 6.2103, 3.4242

Monochromacy



Original Color

11.4483, 6.1926, 6.7228

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

5.9952, 4.4894, 5.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4483, 6.1926, 6.7228 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(135, 22, 72)` looks like.

```
.text, #text, p{  
    color:rgb(135, 22, 72)  
}
```

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(135, 22, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 22, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.4483, 6.1926, 6.7228 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(135, 22, 72) }
```


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

```
.border{ border-color:rgb(135, 22, 72) }
```

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

Here you see how a box with a 4 pixel rgb(135, 22, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 22, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 22, 72);  
box-shadow:4px 4px 4px 4px rgb(135, 22,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4483, 6.1926, 6.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 22, 72) }
```

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

```
.background{ background-color: rgb(135, 22,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor