

Converting Colors

XYZ(11.4447, 6.1326, 6.8840)

Have a look what the booklet for
XYZ(11.4447, 6.1326, 6.8840)
contains.

XYZ(11.4444, 6.1322, 6.8838)	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(11.4444, 6.1322,
6.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	871449
RGB	135, 20, 73
RGB Percent	53%, 8%, 29%
CMY	0.4706, 0.9215, 0.7137
CMYK	0.00, 0.85, 0.46, 0.47
HSL	332°, 74%, 30%
HSV	332°, 85%, 53%
XYZ	11.4444, 6.1322, 6.8838
YIQ	60.4270, 51.5270, 40.8630

Conversions

Conversions Part 2

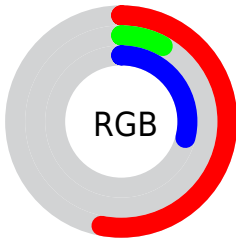
Format	Color
R_{YB}	135, 20, 73
Decimal	8852553
CIE Lab	29.74, 49.73, -0.81
CIE LCh	30, 49.736, 359.071
Yxy	6.1322, 0.4679, 0.2507
Android (android.graphics.Color)	4287042633 (0xFF871449)
YUV	60.4270, 6.1985, 65.4005
Hunter-Lab	24.7633, 39.1584, 0.8526

Details

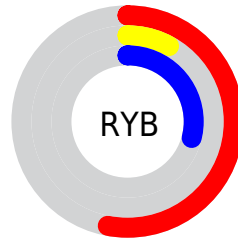
The XYZ color **11.4444, 6.1322, 6.8838** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.4759, 18.0860, 10.9231**, and the grayscale version is **4.3418, 4.5679, 4.9744**.

A 20% lighter version of the original color is **27.9854, 18.1789, 20.1230**, and **3.4588, 1.7560, 1.3849** is the 20% darker color. If you saturate the color by 10%, you get **11.0375, 5.6822, 5.6264**, and if you desaturate by 10%, it is **12.0080, 6.8504, 8.3330**.

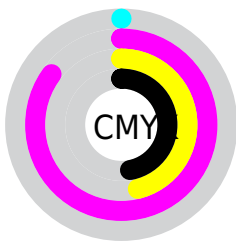
Distribution



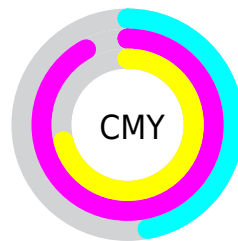
- Red (53%)
- Green (8%)
- Blue (29%)



- Red (53%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4444, 6.1322, 6.8838 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 11.4444, 6.1322, 6.8838 by changing the saturation by 10% instead.

■ 11.4444, 6.1322,
6.8838

■ 11.4444, 6.1322,
6.8838

194.5375,
160.2448, 176.2888

■ 6.4361, 2.9256,
3.3122

■ 28.1048, 18.2048,
20.2479

■ 3.1552, 1.0930,
1.2562

■ 40.4875, 27.8396,
30.8775

■ 1.2363, 0.0000,
0.0255

■ 56.0592, 40.3860,
44.6969

■ 0.1348, 0.0000,
0.0000

■ 75.1850, 56.2283,
62.1245

■ 0.0000, 0.0000,
0.0000

■ 98.2304, 75.7509,
83.5790

■ 125.5607, 99.3383,

109.4788

157.5413,
127.3748, 140.2426

11.4444, 6.1322,
6.8838

11.4444, 6.1322,
6.8838

11.0375, 5.6822,
5.6264

12.0080, 6.8504,
8.3330

10.8670, 5.5010,
5.0771

12.7517, 7.8819,
9.9861

13.6924, 9.2594,
11.8532

14.8450, 11.0112,
13.9434

16.2228, 13.1626,
16.2651

■ 17.8379, 15.7366,
18.8263

■ 19.7015, 18.7546,
21.6344

■ 21.8243, 22.2365,
24.6965

■ 24.2161, 26.2008,
28.0194

Harmonies

Analogous

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



10.4897, 6.1322, 15.5011



11.4444, 6.1322, 6.8838



10.5959, 6.1322, 2.2278

Triad

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



11.4444, 6.1322, 6.8838



3.9373, 6.1322, 0.5461



3.8427, 6.1322, 24.4312

Complementary

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



11.4444, 6.1322, 6.8838



10.4759, 18.0860, 10.9231

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.



2.7609, 6.1322, 14.8875



11.4444, 6.1322, 6.8838



2.8046, 6.1322, 2.0615

Square

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



11.4444, 6.1322, 6.8838



5.9003, 6.1322, 0.1085



2.4372, 6.1322, 6.4742



5.7573, 6.1322, 28.9449

Rectangle

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



11.4444, 6.1322, 6.8838



9.2218, 6.1322, 0.9582



2.4372, 6.1322, 6.4742



3.3901, 6.1322, 21.4899

Sweetspot

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



11.4446, 6.1326, 6.8839



31.5119, 27.4872, 33.0442



8.0458, 4.0142, 23.2724



7.0911, 6.0352, 7.3286



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.



11.4446, 6.1326, 6.8839



19.3815, 9.8196, 8.6748



10.4414, 5.8482, 1.2407



4.7552, 4.7218, 5.3232



10.0274, 5.0753, 4.7166



0.0384, 0.0190, 0.0354

Inverse Universe

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



11.4446, 6.1326, 6.8839



19.3815, 9.8196, 8.6748



12.8006, 18.1755, 25.7552



4.7552, 4.7218, 5.3232



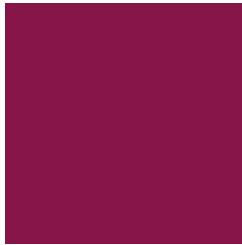
10.0274, 5.0753, 4.7166



0.0384, 0.0190, 0.0354

Previews

White Background



This preview shows how the XYZ color 11.4444, 6.1322, 6.8838 looks on a white background.

Color Contrast Check

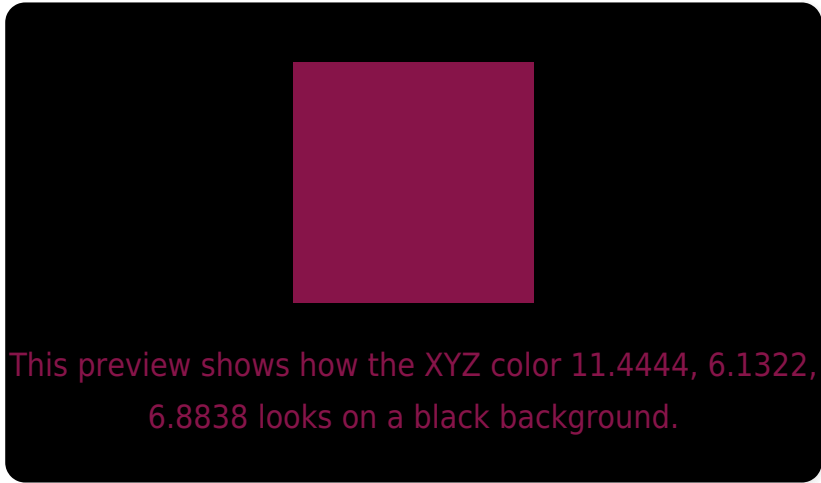
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4444, 6.1322, 6.8838

Background



This preview shows how black text looks on a background with the XYZ color 11.4444, 6.1322, 6.8838.



This preview shows how white text looks on a background with the XYZ color 11.4444, 6.1322,

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

11.4444, 6.1322, 6.8838

Protanopia

6.6381, 6.4899, 13.4732

Deuteranopia

6.6269, 6.5470, 6.3833



Tritanopia

10.5201, 6.1956, 2.2315

Trichromacy



Original Color

11.4444, 6.1322, 6.8838

Protanomaly

7.2361, 5.3352, 10.5459

Deuteranomaly

7.7003, 5.6649, 6.4819

Tritanomaly

10.8011, 6.1206, 3.5178

Monochromacy



Original Color

11.4444, 6.1322, 6.8838

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

5.8230, 4.2847, 5.5211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4444, 6.1322, 6.8838 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, 20, 73)` looks like.

```
.text, #text, p{  
  color:rgb(135, 20, 73)  
}
```

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, 20, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 20, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.4444, 6.1322, 6.8838 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, 20, 73) }
```


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

```
.border{ border-color:rgb(135, 20, 73) }
```

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

Here you see how a box with a 4 pixel rgb(135, 20, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 20, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 20, 73);  
box-shadow:4px 4px 4px 4px rgb(135, 20,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4444, 6.1322, 6.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 20, 73) }
```

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

```
.background{ background-color: rgb(135, 20,  
73) }
```

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