

Converting Colors

XYZ(15.1985, 11.3992, 23.0438)

Have a look what the booklet for
XYZ(15.1985, 11.3992, 23.0438)
contains.

XYZ(15.1333, 11.3726, 22.8702)	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(15.1333, 11.3726,
22.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4E83
RGB	124, 78, 131
RGB Percent	49%, 31%, 51%
CMY	0.5137, 0.6941, 0.4863
CMYK	0.05, 0.40, 0.00, 0.49
HSL	292°, 25%, 41%
HSV	292°, 40%, 51%
XYZ	15.1333, 11.3726, 22.8702
YIQ	97.7960, 10.4030, 26.2350

Conversions

Conversions Part 2

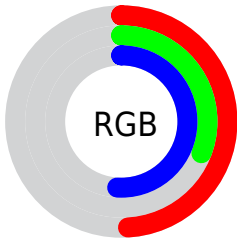
Format	Color
R_{YB}	124, 78, 131
Decimal	8146563
CIE _{Lab}	40.20, 28.75, -21.99
CIE _{LCh}	40, 36.197, 322.594
Yxy	11.3726, 0.3065, 0.2303
Android (android.graphics.Color)	4286336643 (0xFF7C4E83)
YUV	97.7960, 16.3696, 22.9809
Hunter-Lab	33.7233, 21.0860, -16.6025

Details

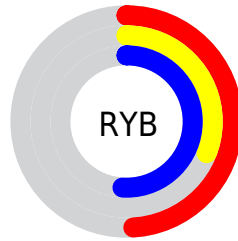
The XYZ color **15.1333, 11.3726, 22.8702** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.2382, 18.7142, 10.1228**, and the grayscale version is **11.5180, 12.1179, 13.1963**.

A 20% lighter version of the original color is **34.7310, 28.3640, 48.9917**, and **4.7992, 3.0299, 8.1165** is the 20% darker color. If you saturate the color by 10%, you get **14.0459, 9.5656, 22.5789**, and if you desaturate by 10%, it is **16.4112, 13.5537, 23.2240**.

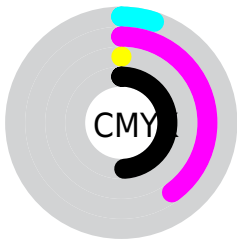
Distribution



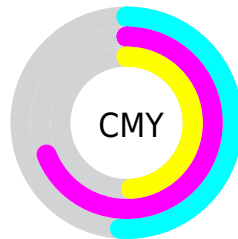
- Red (49%)
- Green (31%)
- Blue (51%)



- Red (49%)
- Yellow (31%)
- Blue (51%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1333, 11.3726, 22.8702 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 15.1333, 11.3726, 22.8702 by changing the saturation by 10% instead.

■ 15.1333, 11.3726,
22.8702

■ 15.1333, 11.3726,
22.8702

217.5440,
200.2063, 280.1579

■ 8.9999, 6.3180,
14.2933

■ 34.6566, 28.3471,
49.1006

■ 4.7982, 3.0394,
8.1839

■ 48.7772, 41.0359,
67.5912

■ 2.1629, 1.1523,
4.1234

■ 66.2910, 57.0382,
90.2234

■ 0.7231, 0.0223,
1.6933

■ 87.5632, 76.7384,
117.4158

■ 0.0000, 0.0000,
0.3561

■ 112.9593,
100.5209, 149.5869

■ 0.0000, 0.0000,
0.0000

142.8445,

128.7701, 187.1552

177.5843,
161.8705, 230.5394

■ 15.1333, 11.3726,
22.8702

■ 15.1333, 11.3726,
22.8702

■ 14.0459, 9.5656,
22.5789

■ 16.4112, 13.5537,
23.2240

■ 13.1369, 8.1090,
22.3456

■ 17.8888, 16.1278,
23.6430

■ 12.3943, 6.9789,
22.1667

■ 19.5758, 19.1142,
24.1305

■ 11.8043, 6.1475,
22.0373

■ 21.4811, 22.5305,
24.6895

■ 11.3508, 5.5826,
21.9522

■ 23.6129, 26.3934,
25.3227

■ 10.9971, 5.1959,
21.8962

■ 25.9792, 30.7184,
26.0329

■ 28.5875, 35.5207,
26.8223

■ 31.4449, 40.8145,
27.6935

■ 34.5582, 46.6134,
28.6487

Harmonies

Analogous

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



12.7799, 11.3726, 30.1217



15.1333, 11.3726, 22.8702



16.3616, 11.3726, 14.2591

Triad

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



15.1333, 11.3726, 22.8702



11.4460, 11.3726, 3.0898



6.9245, 11.3726, 18.5163

Complementary

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



15.1333, 11.3726, 22.8702



13.2382, 18.7142, 10.1228

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.



6.6811, 11.3726, 10.6789



15.1333, 11.3726, 22.8702



9.0525, 11.3726, 3.4815

Square

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



15.1333, 11.3726, 22.8702



14.0280, 11.3726, 4.3070



7.3991, 11.3726, 5.7213



8.1250, 11.3726, 27.0008

Rectangle

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



15.1333, 11.3726, 22.8702



16.2614, 11.3726, 9.5968



7.3991, 11.3726, 5.7213



6.7365, 11.3726, 15.6618

Sweetspot

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



15.1337, 11.3731, 22.8704



34.4771, 33.1989, 43.0441



10.4929, 9.7665, 22.8049



7.9497, 7.5920, 9.9991



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.1337, 11.3731, 22.8704



25.2113, 17.2249, 40.4491



14.9854, 11.4348, 16.6208



4.7990, 4.7325, 5.8613



10.8265, 5.1154, 21.5534



0.0417, 0.0199, 0.0749

Inverse Universe

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



13.7245, 10.9305, 9.9813



22.3945, 16.3646, 13.5808



13.4365, 18.7237, 14.3219



4.6958, 4.6980, 5.0103



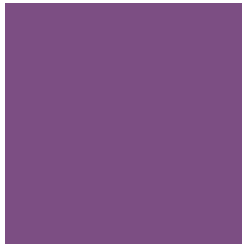
9.3162, 4.7908, 0.9713



0.0338, 0.0172, 0.0112

Previews

White Background



This preview shows how the XYZ color 15.1333, 11.3726, 22.8702 looks on a white background.

Color Contrast Check

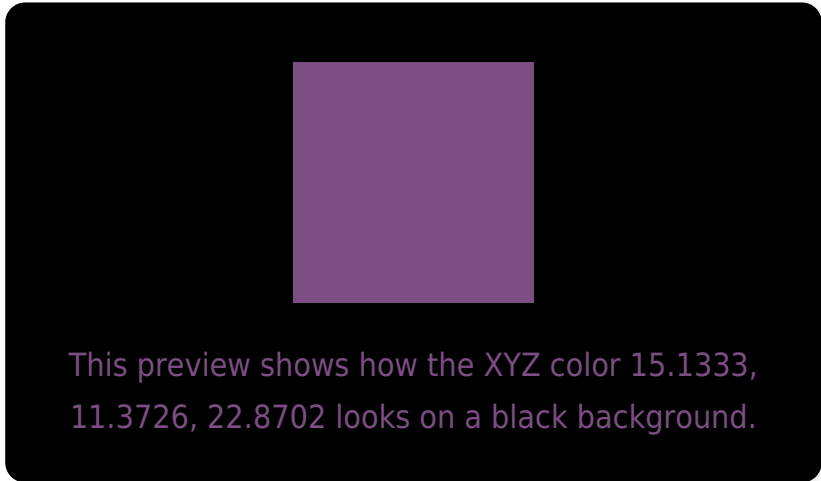
Large Text (above 18pt) WCAG AA ✓ Pass

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

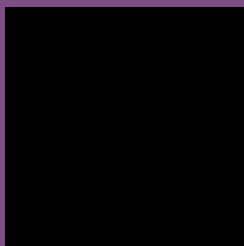
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1333, 11.3726, 22.8702

Background



This preview shows how black text looks on a background with the XYZ color 15.1333, 11.3726, 22.8702.



This preview shows how white text looks on a background with the XYZ color 15.1333, 11.3726,

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

15.1333, 11.3726, 22.8702

Protanopia

12.0142, 11.4316, 27.5599

Deuteranopia

11.7367, 11.5424, 22.0314



Tritanopia

12.9113, 11.3678, 11.8696

Trichromacy



Original Color

15.1333, 11.3726, 22.8702

Protanomaly

12.8692, 11.2764, 25.9244

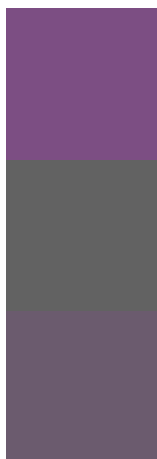
Deuteranomaly

12.7077, 11.2738, 22.2752

Tritanomaly

13.6323, 11.3130, 15.3750

Monochromacy



Original Color

15.1333, 11.3726, 22.8702

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.6190, 11.7338, 16.3516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1333, 11.3726, 22.8702 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(124, 78, 131)` looks like.

```
.text, #text, p{  
    color:rgb(124, 78, 131)  
}
```

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(124, 78, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 78, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.1333, 11.3726, 22.8702 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(124, 78, 131) }
```


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

```
.border{ border-color:rgb(124, 78, 131) }
```

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

Here you see how a box with a 4 pixel rgb(124, 78, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 78, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 78, 131);  
box-shadow:4px 4px 4px 4px rgb(124, 78,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1333, 11.3726, 22.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 78, 131) }
```

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

```
.background{ background-color: rgb(124, 78,  
131) }
```

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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