

Converting Colors

XYZ(11.3492, 6.2601, 7.7283)

Have a look what the booklet for
XYZ(11.3492, 6.2601, 7.7283)
contains.

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Color

**XYZ(11.4399, 6.3205,
7.8247)**

Conversions

Conversions Part 1

Format	Color
Hex	851B4E
RGB	133, 27, 78
RGB Percent	52%, 11%, 31%
CMY	0.4784, 0.8941, 0.6941
CMYK	0.00, 0.80, 0.41, 0.48
HSL	331°, 66%, 31%
HSV	331°, 80%, 52%
XYZ	11.4399, 6.3205, 7.8247
YIQ	64.5080, 46.8050, 38.3330

Conversions

Conversions Part 2

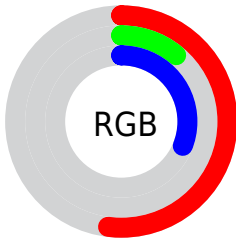
Format	Color
R_{YB}	133, 27, 78
Decimal	8723278
CIE _{Lab}	30.21, 47.70, -3.48
CIE _{LCh}	30, 47.826, 355.823
Yxy	6.3205, 0.4471, 0.2470
Android (android.graphics.Color)	4286913358 (0xFF851B4E)
YUV	64.5080, 6.6516, 60.0675
Hunter-Lab	25.1406, 37.2280, -0.8549

Details

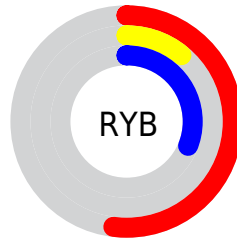
The XYZ color **11.4399, 6.3205, 7.8247** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.3630, 17.6174, 10.8387**, and the grayscale version is **4.9356, 5.1927, 5.6548**.

A 20% lighter version of the original color is **28.1592, 18.6660, 22.1974**, and **3.4306, 1.7352, 1.6675** is the 20% darker color. If you saturate the color by 10%, you get **10.9664, 5.7490, 6.5095**, and if you desaturate by 10%, it is **12.0778, 7.1793, 9.3230**.

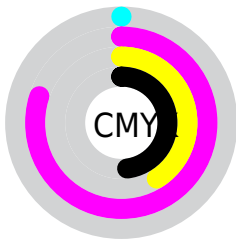
Distribution



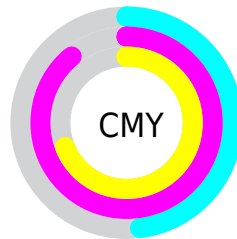
- Red (52%)
- Green (11%)
- Blue (31%)



- Red (52%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (41%)
- Black (48%)



- Cyan (48%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4399, 6.3205, 7.8247 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 11.4399, 6.3205, 7.8247 by changing the saturation by 10% instead.

11.4399, 6.3205,
7.8247

11.4399, 6.3205,
7.8247

194.5078,
161.8919, 184.2335

6.4330, 3.0409,
3.8968

28.0966, 18.5926,
22.1545

3.1533, 1.1531,
1.5689

40.4771, 28.3538,
33.3936

1.2353, 0.0229,
0.2685

56.0462, 41.0445,
47.9067

0.1340, 0.0000,
0.0000

75.1692, 57.0489,
66.1126

0.0000, 0.0000,
0.0000

98.2115, 76.7514,
88.4296

125.5385,

100.5365, 115.2764

157.5154,
128.7885, 147.0715

11.4399, 6.3205,
7.8247

11.4399, 6.3205,
7.8247

10.9664, 5.7490,
6.5095

12.0778, 7.1793,
9.3230

10.6083, 5.3678,
5.3569

12.8970, 8.3579,
11.0136

10.5978, 5.3565,
5.3235

13.9126, 9.8852,
12.9052

15.1378, 11.7869,
15.0057

16.5849, 14.0860,
17.3225

■ 18.2650, 16.8039,
19.8626

■ 20.1883, 19.9600,
22.6325

■ 22.3647, 23.5730,
25.6384

■ 24.8033, 27.6603,
28.8865

Harmonies

Analogous

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



10.3462, 6.3205, 16.4563



11.4399, 6.3205, 7.8247



10.8057, 6.3205, 2.7718

Triad

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



11.4399, 6.3205, 7.8247



4.3126, 6.3205, 0.6314



3.8896, 6.3205, 23.0716

Complementary

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



11.4399, 6.3205, 7.8247



10.3630, 17.6174, 10.8387

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.



2.8932, 6.3205, 13.8157



11.4399, 6.3205, 7.8247



3.0913, 6.3205, 2.0035

Square

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



11.4399, 6.3205, 7.8247



6.3282, 6.3205, 0.3063



2.6424, 6.3205, 6.0181



5.6977, 6.3205, 28.1215

Rectangle

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



11.4399, 6.3205, 7.8247



9.5561, 6.3205, 1.2708



2.6424, 6.3205, 6.0181



3.4681, 6.3205, 20.1475

Sweetspot

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



11.4401, 6.3209, 7.8248



31.1957, 27.6345, 33.3119



8.0855, 4.2613, 22.5865



6.8255, 5.8988, 7.1963



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.



11.4401, 6.3209, 7.8248



19.1186, 9.7689, 9.8990



10.3046, 5.9335, 1.6396



4.7589, 4.7233, 5.3429



10.0987, 5.1038, 5.0921



0.0386, 0.0191, 0.0369

Inverse Universe

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



11.4401, 6.3209, 7.8248



19.1186, 9.7689, 9.8990



12.8335, 18.2218, 25.0309



4.7589, 4.7233, 5.3429



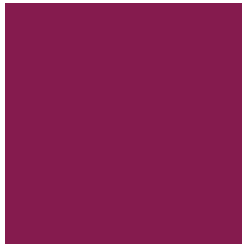
10.0987, 5.1038, 5.0921



0.0386, 0.0191, 0.0369

Previews

White Background



This preview shows how the XYZ color 11.4399, 6.3205, 7.8247 looks on a white background.

Color Contrast Check

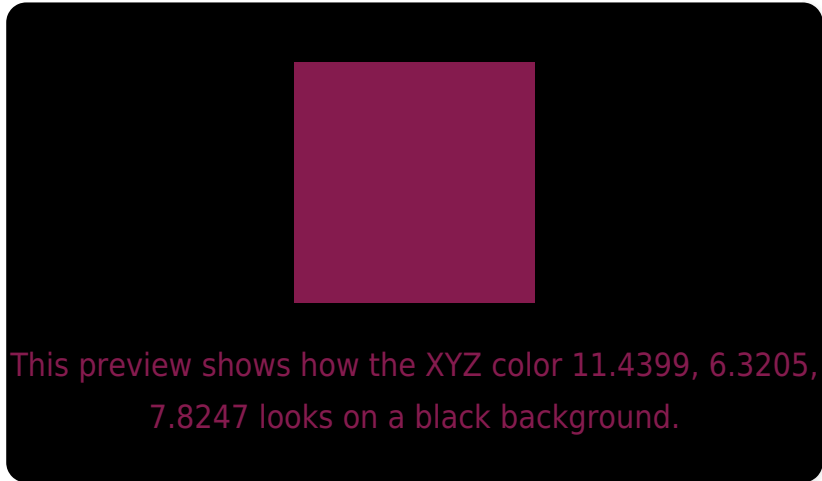
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4399, 6.3205, 7.8247

Background



This preview shows how black text looks on a background with the XYZ color 11.4399, 6.3205, 7.8247.



This preview shows how white text looks on a background with the XYZ color 11.4399, 6.3205,

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

11.4399, 6.3205, 7.8247

Protanopia

6.9055, 6.6995, 14.5648

Deuteranopia

6.7010, 6.5668, 7.2177



Tritanopia

10.4686, 6.4295, 2.6968

Trichromacy



Original Color

11.4399, 6.3205, 7.8247

Protanomaly

7.5500, 5.7476, 11.7778

Deuteranomaly

7.7348, 5.7990, 7.3683

Tritanomaly

10.7826, 6.3739, 4.1520

Monochromacy



Original Color

11.4399, 6.3205, 7.8247

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.5058, 4.9835, 6.4134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4399, 6.3205, 7.8247 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(133, 27, 78)` looks like.

```
.text, #text, p{  
    color:rgb(133, 27, 78)  
}
```

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(133, 27, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 27, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.4399, 6.3205, 7.8247 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(133, 27, 78) }
```


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

```
.border{ border-color:rgb(133, 27, 78) }
```

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

Here you see how a box with a 4 pixel rgb(133, 27, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 27, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 27, 78);  
box-shadow:4px 4px 4px 4px rgb(133, 27,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4399, 6.3205, 7.8247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 27, 78) }
```

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

```
.background{ background-color: rgb(133, 27,  
78) }
```

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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