

Converting Colors

XYZ(11.7469, 8.8250, 2.8139)

Have a look what the booklet for
XYZ(11.7469, 8.8250, 2.8139)
contains.

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Color

**XYZ(11.7399, 8.8197,
2.8339)**

Conversions

Conversions Part 1

Format	Color
Hex	844125
RGB	132, 65, 37
RGB Percent	52%, 25%, 15%
CMY	0.4824, 0.7451, 0.8549
CMYK	0.00, 0.51, 0.72, 0.48
HSL	18°, 56%, 33%
HSV	18°, 72%, 52%
XYZ	11.7399, 8.8197, 2.8339
YIQ	81.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

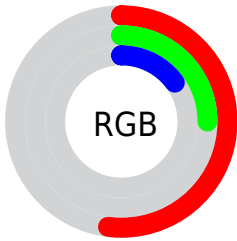
Format	Color
R_{YB}	132, 77, 37
Decimal	8667429
CIE Lab	35.63, 26.44, 29.76
CIE LCh	36, 39.807, 48.372
Yxy	8.8197, 0.5018, 0.3770
Android (android.graphics.Color)	4286857509 (0xFF844125)
YUV	81.8410, -22.1066, 43.9894
Hunter-Lab	29.6980, 18.5913, 15.1309

Details

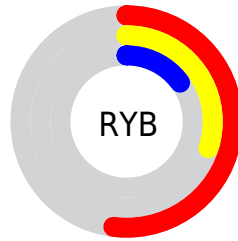
The XYZ color **11.7399, 8.8197, 2.8339** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **9.8777, 11.9590, 23.6172**, and the grayscale version is **8.0245, 8.4424, 9.1938**.

A 20% lighter version of the original color is **28.5649, 23.4780, 11.2098**, and **3.2769, 2.0104, 0.2153** is the 20% darker color. If you saturate the color by 10%, you get **11.0779, 7.7695, 1.7692**, and if you desaturate by 10%, it is **12.5654, 10.0770, 4.3232**.

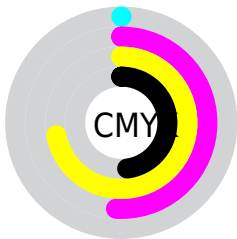
Distribution



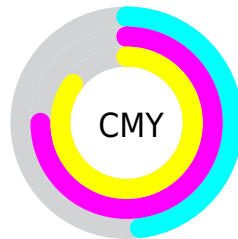
- Red (52%)
- Green (25%)
- Blue (15%)



- Red (52%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (72%)
- Black (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7399, 8.8197, 2.8339 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 11.7399, 8.8197, 2.8339 by changing the saturation by 10% instead.

■ 11.7399, 8.8197,
2.8339

■ 11.7399, 8.8197,
2.8339

196.4810,
182.0271, 134.2162

■ 6.6378, 4.6238,
1.0105

■ 28.6415, 23.5504,
11.2158

■ 3.2809, 2.0283,
0.0000

■ 41.1716, 34.8540,
18.6112

■ 1.3040, 0.6238,
0.0000

■ 56.9085, 49.2955,
28.7012

■ 0.1862, 0.0000,
0.0000

■ 76.2174, 67.2595,
41.9041

■ 0.0000, 0.0000,
0.0000

■ 99.4638, 89.1302,
58.6385

■ 127.0129,

115.2921, 79.3229

159.2302,
146.1296, 104.3760

11.7399, 8.8197,
2.8339

11.7399, 8.8197,
2.8339

11.0779, 7.7695,
1.7692

12.5654, 10.0770,
4.3232

10.5659, 6.9131,
1.0821

13.5651, 11.5510,
6.2762

10.2382, 6.3506,
0.6862

14.7494, 13.2523,
8.7281

16.1276, 15.1903,
11.7105

17.7083, 17.3738,
15.2523

■ 19.4998, 19.8113,
19.3805

■ 21.5095, 22.5108,
24.1201

■ 23.7449, 25.4798,
29.4948

■ 26.2128, 28.7257,
35.5270

Harmonies

Analogous

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



13.4172, 8.8197, 6.0882



11.7399, 8.8197, 2.8339



9.3225, 8.8197, 1.7049

Triad

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



11.7399, 8.8197, 2.8339



4.7039, 8.8197, 7.2338



9.8820, 8.8197, 27.7502

Complementary

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



11.7399, 8.8197, 2.8339



9.8777, 11.9590, 23.6172

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.



7.5086, 8.8197, 28.5537



11.7399, 8.8197, 2.8339



4.7977, 8.8197, 14.2626

Square

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



11.7399, 8.8197, 2.8339



5.4502, 8.8197, 3.3360



5.7358, 8.8197, 22.8090



12.2146, 8.8197, 20.9539

Rectangle

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



11.7399, 8.8197, 2.8339



7.7448, 8.8197, 1.6651



5.7358, 8.8197, 22.8090



9.0550, 8.8197, 28.8172

Sweetspot

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



11.7401, 8.8202, 2.8341



31.0390, 30.3924, 26.5161



12.7313, 7.2503, 14.1154



7.0732, 6.8652, 5.8264



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.



11.7401, 8.8202, 2.8341



18.9469, 12.7486, 2.3218



15.5795, 16.4990, 4.1139



4.7762, 4.8960, 4.9227



9.9175, 6.1576, 0.6658



0.0401, 0.0328, 0.0042

Inverse Universe

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



9.8777, 11.9590, 23.6172



15.3702, 18.4458, 41.2035



6.4200, 5.0436, 22.4646



4.6888, 5.0532, 5.9290



7.8350, 9.2179, 22.5030



0.0335, 0.0446, 0.0801

Previews

White Background



This preview shows how the XYZ color 11.7399, 8.8197, 2.8339 looks on a white background.

Color Contrast Check

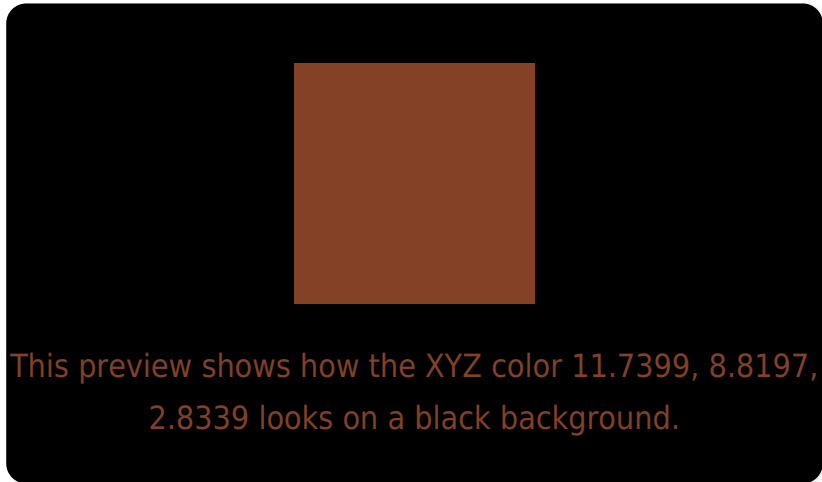
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7399, 8.8197, 2.8339

Background



This preview shows how black text looks on a background with the XYZ color 11.7399, 8.8197, 2.8339.



This preview shows how white text looks on a background with the XYZ color 11.7399, 8.8197,

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

11.7399, 8.8197, 2.8339

Protanopia

8.1987, 8.9986, 3.5903

Deuteranopia

8.9689, 8.8504, 2.6744



Tritanopia

12.3789, 8.8251, 6.2052

Trichromacy



Original Color

11.7399, 8.8197, 2.8339

Protanomaly

9.1880, 8.7347, 3.2995

Deuteranomaly

9.8750, 8.7925, 2.6900

Tritanomaly

12.1400, 8.8174, 4.6765

Monochromacy



Original Color

11.7399, 8.8197, 2.8339

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.8233, 8.2716, 6.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7399, 8.8197, 2.8339 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(132, 65, 37)` looks like.

```
.text, #text, p{  
    color:rgb(132, 65, 37)  
}
```

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(132, 65, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 65, 37) }
```

Border

The CSS property to change the border of an element to XYZ 11.7399, 8.8197, 2.8339 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(132, 65, 37) }
```


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

```
.border{ border-color:rgb(132, 65, 37) }
```

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

Here you see how a box with a 4 pixel rgb(132, 65, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 65, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 65, 37);  
box-shadow:4px 4px 4px 4px rgb(132, 65,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7399, 8.8197, 2.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 65, 37) }
```

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

```
.background{ background-color: rgb(132, 65,  
37) }
```

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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