

Converting Colors

XYZ(11.8624, 8.2596, 0.5787)

Have a look what the booklet for
XYZ(11.8624, 8.2596, 0.5787)
contains.

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Color

**XYZ(11.9444, 8.3295,
0.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3900
RGB	138, 57, 0
RGB Percent	54%, 22%, 0%
CMY	0.4588, 0.7765, 1.0000
CMYK	0.00, 0.59, 1.00, 0.46
HSL	25°, 100%, 27%
HSV	25°, 100%, 54%
XYZ	11.9444, 8.3295, 0.9782
YIQ	74.7210, 66.5730, -0.5550

Conversions

Conversions Part 2

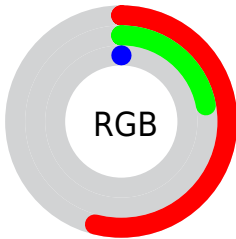
Format	Color
R_{YB}	138, 97, 0
Decimal	9058560
CIE _{Lab}	34.66, 32.08, 45.77
CIE _{LCh}	35, 55.893, 54.970
Yxy	8.3295, 0.5620, 0.3919
Android (android.graphics.Color)	4287248640 (0xFF8A3900)
YUV	74.7210, -36.8375, 55.4957
Hunter-Lab	28.8609, 23.3677, 18.1931

Details

The XYZ color **11.9444, 8.3295, 0.9782** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.5297, 7.7194, 25.1379**, and the grayscale version is **6.6936, 7.0422, 7.6690**.

A 20% lighter version of the original color is **29.0403, 22.5529, 5.9545**, and **3.3842, 1.8574, 0.1802** is the 20% darker color. If you saturate the color by 10%, you get **11.9445, 8.3299, 0.9783**, and if you desaturate by 10%, it is **12.4554, 9.2270, 1.5329**.

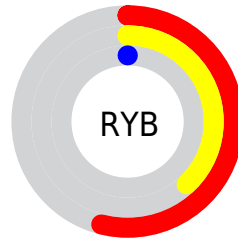
Distribution



Red (54%)

Green (22%)

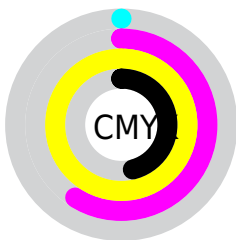
Blue (0%)



Red (54%)

Yellow (38%)

Blue (0%)

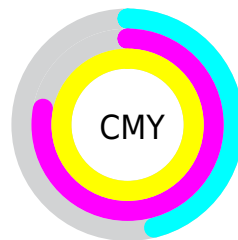


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (78%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9444, 8.3295, 0.9782 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 11.9444, 8.3295, 0.9782 by changing the saturation by 10% instead.


 11.9444, 8.3295,
0.9782


 11.9444, 8.3295,
0.9782


 197.8143,
178.2941, 103.6597


 6.7778, 4.3065,
0.0000


 29.0115, 22.6019,
5.9887


 3.3686, 1.8465,
0.0000

 41.6427, 33.6201,
11.0543


 1.3515, 0.5159,
0.0000

 57.4928, 47.7388,
18.3847

 0.2213, 0.0000,
0.0000

 76.9272, 65.3425,
28.3987


 0.0000, 0.0000,
0.0000


 100.3112, 86.8154,
41.5146


 128.0101,

112.5421, 58.1510


 160.3894,
142.9068, 78.7266


 11.9444, 8.3295,
0.9782


 11.9444, 8.3295,
0.9782


 11.9445, 8.3299,
0.9783

 12.4554, 9.2270,
1.5329

 13.0820, 10.2771,
2.3679

 13.8535, 11.4962,
3.6236

 14.7817, 12.8931,
5.3493

 15.8767, 14.4755,
7.5877

■ 17.1480, 16.2510,
10.3764

■ 18.6041, 18.2264,
13.7496

■ 20.2528, 20.4082,
17.7384

■ 22.1015, 22.8026,
22.3721

Harmonies

Analogous

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



14.8058, 8.3295, 3.5263



11.9444, 8.3295, 0.9782



8.4621, 8.3295, 0.2853

Triad

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



11.9444, 8.3295, 0.9782



3.2739, 8.3295, 7.6268



10.7705, 8.3295, 35.7794

Complementary

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



11.9444, 8.3295, 0.9782



7.5297, 7.7194, 25.1379

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.



7.3957, 8.3295, 39.8181



11.9444, 8.3295, 0.9782



3.5857, 8.3295, 18.5833

Square

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



11.9444, 8.3295, 0.9782



3.9094, 8.3295, 2.2969



4.9149, 8.3295, 32.1015



14.0113, 8.3295, 23.1839

Rectangle

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



11.9444, 8.3295, 0.9782



6.4481, 8.3295, 0.4029



4.9149, 8.3295, 32.1015



9.5934, 8.3295, 38.4301

Sweetspot

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



11.9446, 8.3300, 0.9783



32.6181, 31.8928, 23.8221



12.0349, 6.0248, 8.6719



7.1001, 6.8624, 4.8370



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.



11.9446, 8.3300, 0.9783



20.9060, 14.3862, 1.6749



17.7140, 19.8688, 2.9015



5.1915, 5.3658, 5.3145



10.9653, 7.6649, 0.9015



0.0867, 0.0786, 0.0106

Inverse Universe

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



7.5297, 7.7194, 25.1379



13.1141, 13.2902, 44.2573



4.7418, 2.1437, 24.2086



5.0025, 5.3479, 6.3744



6.9182, 7.1066, 23.0528



0.0604, 0.0762, 0.1580

Previews

White Background



This preview shows how the XYZ color 11.9444, 8.3295, 0.9782 looks on a white background.

Color Contrast Check

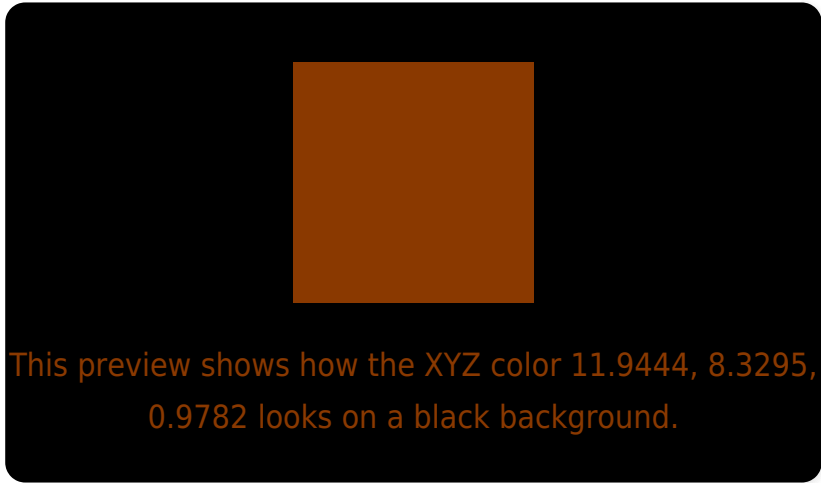
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9444, 8.3295, 0.9782

Background



This preview shows how black text looks on a background with the XYZ color 11.9444, 8.3295, 0.9782.



This preview shows how white text looks on a background with the XYZ color 11.9444, 8.3295,

0.9782.

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

11.9444, 8.3295, 0.9782

Protanopia

7.6801, 8.5427, 1.6249

Deuteranopia

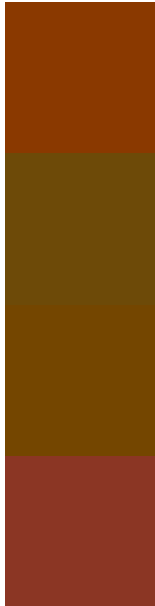
8.4333, 8.3918, 1.1753



Tritanopia

12.6344, 8.3207, 4.6815

Trichromacy



Original Color

11.9444, 8.3295, 0.9782

Protanomaly

8.7993, 8.1663, 1.3422

Deuteranomaly

9.3926, 8.0933, 1.0671

Tritanomaly

12.2851, 8.2547, 2.6149

Monochromacy



Original Color

11.9444, 8.3295, 0.9782

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

7.6376, 6.9443, 3.7341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9444, 8.3295, 0.9782 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(138, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 57, 0)  
}
```

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(138, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 57, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9444, 8.3295, 0.9782 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(138, 57, 0) }
```


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

```
.border{ border-color:rgb(138, 57, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 57, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9444, 8.3295, 0.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 57, 0) }
```

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

```
.background{ background-color: rgb(138, 57,  
0) }
```

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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