

Converting Colors

XYZ(11.9911, 9.0089, 1.2426)

Have a look what the booklet for
XYZ(11.9911, 9.0089, 1.2426)
contains.

XYZ(11.9094, 8.9424, 1.2420)	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(11.9094, 8.9424,
1.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	874105
RGB	135, 65, 5
RGB Percent	53%, 25%, 2%
CMY	0.4706, 0.7451, 0.9804
CMYK	0.00, 0.52, 0.96, 0.47
HSL	28°, 93%, 27%
HSV	28°, 96%, 53%
XYZ	11.9094, 8.9424, 1.2420
YIQ	79.0900, 60.9800, -3.8200

Conversions

Conversions Part 2

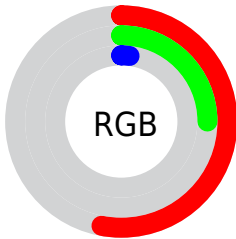
Format	Color
RYB	135, 116, 5
Decimal	8864005
CIELab	35.87, 26.61, 44.42
CIELCh	36, 51.776, 59.075
Yxy	8.9424, 0.5390, 0.4047
Android (android.graphics.Color)	4287054085 (0xFF874105)
YUV	79.0900, -36.5264, 49.0331
Hunter-Lab	29.9038, 18.7570, 18.4702

Details

The XYZ color **11.9094, 8.9424, 1.2420** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6.9519, 6.8138, 23.8704**, and the grayscale version is **7.5092, 7.9002, 8.6033**.

A 20% lighter version of the original color is **28.9793, 23.7895, 6.8058**, and **3.3748, 2.0854, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **11.7311, 8.6299, 1.0474**, and if you desaturate by 10%, it is **12.4401, 9.8663, 1.8429**.

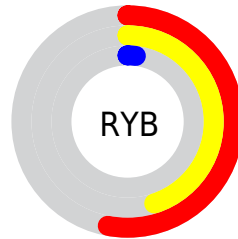
Distribution



Red (53%)

Green (25%)

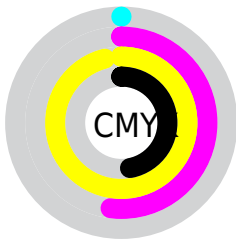
Blue (2%)



Red (53%)

Yellow (45%)

Blue (2%)

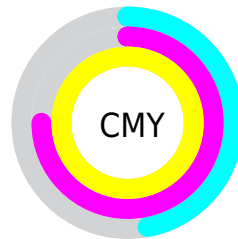


Cyan (0%)

Magenta (52%)

Yellow (96%)

Black (47%)



Cyan (47%)

Magenta (75%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9094, 8.9424, 1.2420 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 11.9094, 8.9424, 1.2420 by changing the saturation by 10% instead.


 11.9094, 8.9424,
1.2420


 11.9094, 8.9424,
1.2420


 197.5868,
182.9476, 109.1995


 6.7538, 4.7036,
0.0135


 28.9483, 23.7863,
6.8397


 3.3535, 2.0744,
0.0000

 41.5622, 35.1601,
12.3242


 1.3434, 0.6502,
0.0000

 57.3930, 49.6812,
20.1573

 0.2153, 0.0000,
0.0000


 76.8060, 67.7338,
30.7575


 0.0000, 0.0000,
0.0000


 100.1665, 89.7023,
44.5432


 127.8399,

115.9712, 61.9331


 160.1915,
146.9248, 83.3457


 11.9094, 8.9424,
1.2420


 11.9094, 8.9424,
1.2420


 11.7311, 8.6299,
1.0474

 12.4401, 9.8663,
1.8429

 13.0877, 10.9257,
2.7859

 13.8680, 12.1301,
4.1443

 14.7910, 13.4864,
5.9618

 15.8655, 15.0007,
8.2767

■ 17.0996, 16.6789,
11.1231

■ 18.5004, 18.5262,
14.5320

■ 20.0749, 20.5480,
18.5322

■ 21.8295, 22.7490,
23.1502

Harmonies

Analogous

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



14.7748, 8.9424, 3.6143



11.9094, 8.9424, 1.2420



8.5952, 8.9424, 0.7048

Triad

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



11.9094, 8.9424, 1.2420



3.8571, 8.9424, 9.4662



11.7038, 8.9424, 33.2549

Complementary

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



11.9094, 8.9424, 1.2420



6.9519, 6.8138, 23.8704

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.



8.4045, 8.9424, 38.3200



11.9094, 8.9424, 1.2420



4.3129, 8.9424, 20.4828

Square

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



11.9094, 8.9424, 1.2420



4.3739, 8.9424, 3.3754



5.8118, 8.9424, 32.6394



14.6374, 8.9424, 21.2692

Rectangle

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



11.9094, 8.9424, 1.2420



6.7122, 8.9424, 0.9031



5.8118, 8.9424, 32.6394



10.5788, 8.9424, 36.0572

Sweetspot

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



11.9096, 8.9429, 1.2422



32.2547, 32.0323, 23.8596



11.3680, 5.7883, 7.4474



7.2532, 7.1324, 4.9991



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.



11.9096, 8.9429, 1.2422



20.8512, 15.1404, 1.8234



17.8037, 20.7310, 3.2068



4.8365, 5.0167, 4.9428



10.8307, 7.9841, 0.9702



0.0447, 0.0420, 0.0058

Inverse Universe

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



6.9519, 6.8138, 23.8704



11.9004, 11.2703, 42.5965



4.5614, 2.0326, 23.0736



4.6267, 4.9290, 5.9083



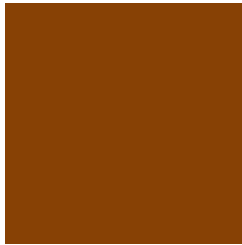
6.2244, 5.9966, 21.9661



0.0289, 0.0354, 0.0785

Previews

White Background



This preview shows how the XYZ color 11.9094, 8.9424, 1.2420 looks on a white background.

Color Contrast Check

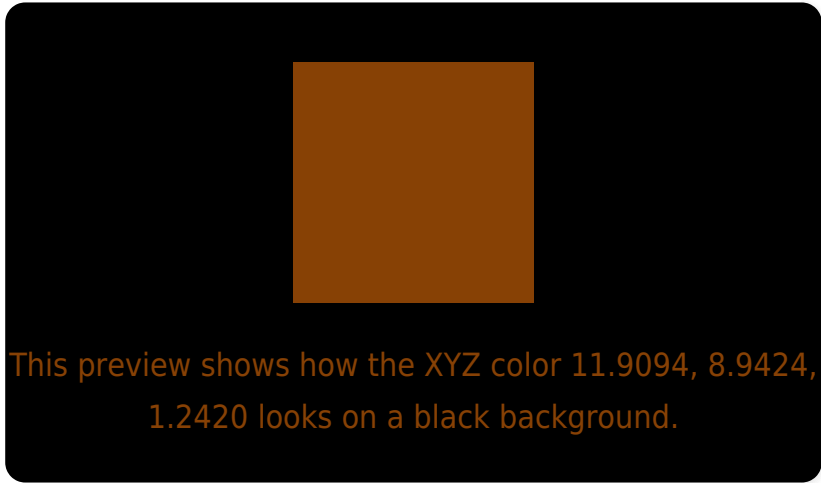
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9094, 8.9424, 1.2420

Background



This preview shows how black text looks on a background with the XYZ color 11.9094, 8.9424, 1.2420.



This preview shows how white text looks on a background with the XYZ color 11.9094, 8.9424,

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

11.9094, 8.9424, 1.2420

Protanopia

8.1450, 9.0129, 1.6911

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

12.8865, 8.9317, 6.0458

Trichromacy



Original Color

11.9094, 8.9424, 1.2420

Protanomaly

9.2096, 8.7857, 1.4976

Deuteranomaly

9.9982, 8.8881, 1.2460

Tritanomaly

12.3120, 8.8539, 3.3456

Monochromacy



Original Color

11.9094, 8.9424, 1.2420

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

8.2142, 7.7981, 4.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9094, 8.9424, 1.2420 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, 65, 5)` looks like.

```
.text, #text, p{  
    color:rgb(135, 65, 5)  
}
```

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, 65, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 65, 5) }
```

Border

The CSS property to change the border of an element to XYZ 11.9094, 8.9424, 1.2420 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, 65, 5) }
```


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

```
.border{ border-color:rgb(135, 65, 5) }
```

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

Here you see how a box with a 4 pixel rgb(135, 65, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 65, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 65, 5);  
box-shadow:4px 4px 4px 4px rgb(135, 65, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9094, 8.9424, 1.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 65, 5) }
```

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

```
.background{ background-color: rgb(135, 65,  
5) }
```

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