

Converting Colors

XYZ(11.2969, 5.9464, 0.8395)

Have a look what the booklet for
XYZ(11.2969, 5.9464, 0.8395)
contains.

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Color

**XYZ(11.2969, 5.9464,
0.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	8E080A
RGB	142, 8, 10
RGB Percent	56%, 3%, 4%
CMY	0.4431, 0.9685, 0.9608
CMYK	0.00, 0.94, 0.93, 0.44
HSL	359°, 89%, 29%
HSV	359°, 94%, 56%
XYZ	11.2969, 5.9464, 0.8395
YIQ	48.2940, 79.2220, 29.0300

Conversions

Conversions Part 2

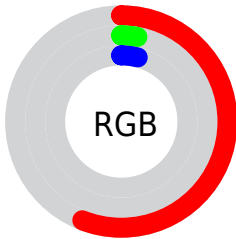
Format	Color
R_{YB}	142, 8, 10
Decimal	9308170
CIE Lab	29.28, 50.68, 38.47
CIE LCh	29, 63.624, 37.203
Yxy	5.9464, 0.6247, 0.3288
Android (android.graphics.Color)	4287498250 (0xFF8E080A)
YUV	48.2940, -18.8789, 82.1802
Hunter-Lab	24.3852, 40.0192, 15.0285

Details

The XYZ color **11.2969, 5.9464, 0.8395** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.5086, 21.2916, 28.1646**, and the grayscale version is **2.8567, 3.0055, 3.2730**.

A 20% lighter version of the original color is **27.9740, 17.8783, 5.5909**, and **3.4797, 1.7938, 0.1628** is the 20% darker color. If you saturate the color by 10%, you get **11.1666, 5.7553, 0.5825**, and if you desaturate by 10%, it is **11.6111, 6.3990, 1.4868**.

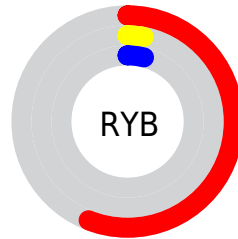
Distribution



Red (56%)

Green (3%)

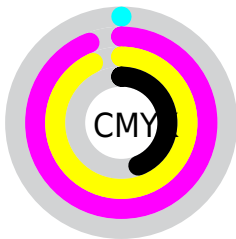
Blue (4%)



Red (56%)

Yellow (3%)

Blue (4%)

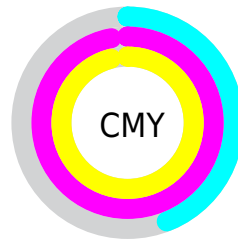


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (44%)



Cyan (44%)


Magenta (97%)

Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2969, 5.9464, 0.8395 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 11.2969, 5.9464, 0.8395 by changing the saturation by 10% instead.


 11.2969, 5.9464,
0.8395

 11.2969, 5.9464,
0.8395


 193.5598,
158.5975, 100.5569


 6.3357, 2.8125,
0.0000


 27.8360, 17.8198,
5.5324

 3.0928, 1.0347,
0.0000

 40.1446, 27.3281,
10.3643


 1.2030, 0.0000,
0.0000

 55.6330, 39.7301,
17.4130

 0.1088, 0.0000,
0.0000


 74.6666, 55.4100,
27.0970


 0.0000, 0.0000,
0.0000


 97.6107, 74.7523,
39.8348


 124.8307, 98.1414,


56.0451


 156.6919,
125.9616, 76.1462


 11.2969, 5.9464,
0.8395


 11.2969, 5.9464,
0.8395


 11.1666, 5.7553,
0.5825

 11.6111, 6.3990,
1.4868

 12.1485, 7.1780,
2.5773

 12.9418, 8.3332,
4.1718

 14.0175, 9.9039,
6.3211

 15.3990, 11.9244,
9.0701

■ 17.1069, 14.4257,
12.4589

■ 19.1602, 17.4357,
16.5242

■ 21.5765, 20.9805,
21.2998

■ 24.3721, 25.0841,
26.8175

Harmonies

Analogous

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



13.1010, 5.9464, 4.6856



11.2969, 5.9464, 0.8395



8.0756, 5.9464, 0.0000

Triad

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



11.2969, 5.9464, 0.8395



1.9341, 5.9464, 2.0738



6.3737, 5.9464, 38.3034

Complementary

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



11.2969, 5.9464, 0.8395



14.5086, 21.2916, 28.1646

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.



3.7692, 5.9464, 34.7808



11.2969, 5.9464, 0.8395



1.7503, 5.9464, 8.6694

Square

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



11.2969, 5.9464, 0.8395



2.9251, 5.9464, 0.0000



2.2934, 5.9464, 21.5386



9.6963, 5.9464, 29.0407

Rectangle

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



11.2969, 5.9464, 0.8395



5.9259, 5.9464, 0.0000



2.2934, 5.9464, 21.5386



5.3864, 5.9464, 38.6514

Sweetspot

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



11.2970, 5.9468, 0.8396



32.1790, 28.3878, 25.9557



15.7453, 7.6823, 26.2437



6.8841, 5.8961, 5.1970



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.2970, 5.9468, 0.8396



19.6863, 10.1470, 0.9988



13.5671, 10.5043, 1.5429



5.4119, 5.4253, 5.6671



10.0268, 5.1677, 0.5263



0.0964, 0.0496, 0.0077

Inverse Universe

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



11.2970, 5.9468, 0.8396



19.6863, 10.1470, 0.9988



7.6538, 7.3467, 26.6054



5.4119, 5.4253, 5.6671



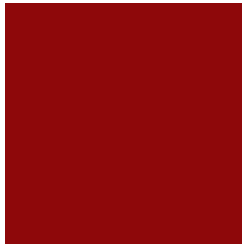
10.0268, 5.1677, 0.5263



0.0964, 0.0496, 0.0077

Previews

White Background



This preview shows how the XYZ color 11.2969, 5.9464, 0.8395 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 11.2969, 5.9464, 0.8395

Background



This preview shows how black text looks on a background with the XYZ color 11.2969, 5.9464, 0.8395.



This preview shows how white text looks on a background with the XYZ color 11.2969, 5.9464,

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

11.2969, 5.9464, 0.8395

Protanopia

5.7803, 6.4021, 1.7417

Deuteranopia

6.3815, 6.3584, 0.8910



Tritanopia

11.1284, 5.9506, 0.5620

Trichromacy



Original Color

11.2969, 5.9464, 0.8395

Protanomaly

6.8010, 5.1239, 1.2028

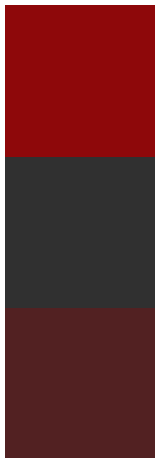
Deuteranomaly

7.4293, 5.2778, 0.7420

Tritanomaly

11.1261, 5.9108, 0.6694

Monochromacy



Original Color

11.2969, 5.9464, 0.8395

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.3123, 2.9970, 1.8646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2969, 5.9464, 0.8395 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(142, 8, 10)` looks like.

```
.text, #text, p{  
    color:rgb(142, 8, 10)  
}
```

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(142, 8, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 8, 10) }
```

Border

The CSS property to change the border of an element to XYZ 11.2969, 5.9464, 0.8395 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(142, 8, 10) }
```


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

```
.border{ border-color:rgb(142, 8, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 8, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 8, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 8, 10);  
box-shadow:4px 4px 4px 4px rgb(142, 8, 10)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2969, 5.9464, 0.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 8, 10) }
```

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

```
.background{ background-color: rgb(142, 8,  
10) }
```

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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