

Converting Colors

XYZ(11.4557, 5.8380, 9.2337)

Have a look what the booklet for
XYZ(11.4557, 5.8380, 9.2337)
contains.

| | |
|--|----|
| XYZ(11.4394, 5.8321, 9.3269) | 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(11.4394, 5.8321,
9.3269)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 850856 |
| RGB | 133, 8, 86 |
| RGB Percent | 52%, 3%, 34% |
| CMY | 0.4784, 0.9686, 0.6627 |
| CMYK | 0.00, 0.94, 0.35, 0.48 |
| HSL | 323°, 89%, 28% |
| HSV | 323°, 94%, 52% |
| XYZ | 11.4394, 5.8321, 9.3269 |
| YIQ | 54.2670, 49.4620, 50.7580 |

Conversions

Conversions Part 2

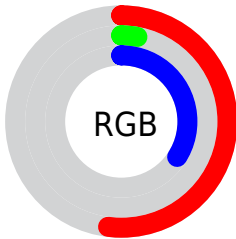
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 133, 8, 86 |
| Decimal | 8718422 |
| CIE _{Lab} | 28.98, 52.96, -10.60 |
| CIE _{LCh} | 29, 54.015, 348.679 |
| Yxy | 5.8321, 0.4301, 0.2193 |
| Android (android.graphics.Color) | 4286908502 (0xFF850856) |
| YUV | 54.2670, 15.6444, 69.0488 |
| Hunter-Lab | 24.1497, 42.2909, -5.9936 |

Details

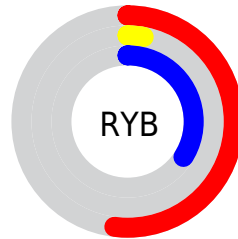
The XYZ color **11.4394, 5.8321, 9.3269** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **9.1778, 17.1027, 6.4337**, and the grayscale version is **3.5174, 3.7005, 4.0299**.

A 20% lighter version of the original color is **28.1279, 17.6223, 25.2115**, and **3.5421, 1.7798, 2.2547** is the 20% darker color. If you saturate the color by 10%, you get **11.2337, 5.6109, 8.6717**, and if you desaturate by 10%, it is **11.8352, 6.2899, 10.4882**.

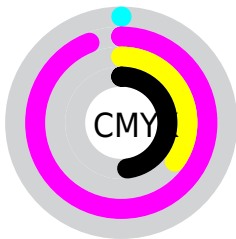
Distribution



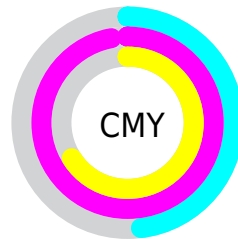
- Red (52%)
- Green (3%)
- Blue (34%)



- Red (52%)
- Yellow (3%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (35%)
- Black (48%)





- Cyan (48%)
- Magenta (97%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4394, 5.8321, 9.3269 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 11.4394, 5.8321, 9.3269 by changing the saturation by 10% instead.


 11.4394, 5.8321,
9.3269


 11.4394, 5.8321,
9.3269


194.5045,
157.5728, 196.1052


 6.4327, 2.7433,
4.8553


 28.0957, 17.5818,
25.1092


 3.1530, 0.9992,
2.1054

 40.4759, 27.0114,
37.2571

 1.2352, 0.0000,
0.6190

 56.0447, 39.3234,
52.8007

 0.1339, 0.0000,
0.0000


 75.1675, 54.9021,
72.1587


 0.0000, 0.0000,
0.0000

 98.2094, 74.1320,
95.7496


 125.5360, 97.3975,

123.9920


 157.5126,
125.0830, 157.3043


 11.4394, 5.8321,
9.3269

 11.4394, 5.8321,
9.3269


 11.2337, 5.6109,
8.6717

 11.8352, 6.2899,
10.4882

 12.3741, 7.0107,
11.7681

 13.0755, 8.0332,
13.1745

 13.9549, 9.3878,
14.7138

 15.0258, 11.1010,
16.3918

■ 16.3003, 13.1968,
18.2137

■ 17.7895, 15.6970,
20.1846

■ 19.5037, 18.6217,
22.3089

■ 21.4525, 21.9897,
24.5910

Harmonies

Analogous

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



9.8010, 5.8321, 19.7559



11.4394, 5.8321, 9.3269



11.1918, 5.8321, 2.9784

Triad

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



11.4394, 5.8321, 9.3269



4.1880, 5.8321, 0.0000



3.0126, 5.8321, 22.4343

Complementary

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



11.4394, 5.8321, 9.3269



9.1778, 17.1027, 6.4337

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.



2.2109, 5.8321, 11.6174



11.4394, 5.8321, 9.3269



2.7412, 5.8321, 1.0008

Square

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



11.4394, 5.8321, 9.3269



6.5033, 5.8321, 0.0000



2.1286, 5.8321, 4.0856



4.6827, 5.8321, 30.2651

Rectangle

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



11.4394, 5.8321, 9.3269



10.0032, 5.8321, 1.1439



2.1286, 5.8321, 4.0856



2.6562, 5.8321, 18.7740

Sweetspot

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



11.4396, 5.8324, 9.3270



30.5649, 25.9300, 34.4671



5.8335, 2.6474, 22.3938



6.6678, 5.4765, 7.4732



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.



11.4396, 5.8324, 9.3270



20.0393, 10.0168, 15.1188



9.9319, 5.2293, 1.3876



4.7856, 4.7339, 5.4832



10.7043, 5.3460, 8.2809



0.0406, 0.0199, 0.0474

Inverse Universe

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



11.4396, 5.8324, 9.3270



20.0393, 10.0168, 15.1188



11.6598, 18.0955, 19.5037



4.7856, 4.7339, 5.4832



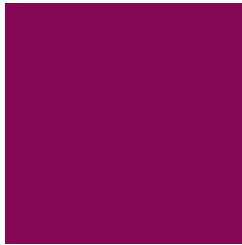
10.7043, 5.3460, 8.2809



0.0406, 0.0199, 0.0474

Previews

White Background



This preview shows how the XYZ color 11.4394, 5.8321, 9.3269 looks on a white background.

Color Contrast Check

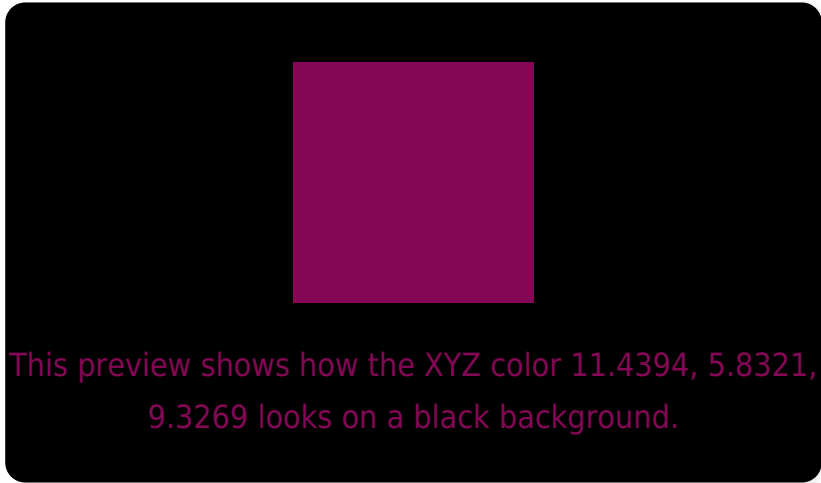
Large Text (above 18pt) WCAG AA ✓ Pass

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

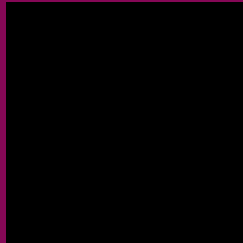
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4394, 5.8321, 9.3269

Background



This preview shows how black text looks on a background with the XYZ color 11.4394, 5.8321, 9.3269.



This preview shows how white text looks on a background with the XYZ color 11.4394, 5.8321,

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

11.4394, 5.8321, 9.3269

Protanopia

6.8599, 6.2898, 19.2648

Deuteranopia

6.4001, 6.2913, 8.4664



Tritanopia

10.1254, 6.0753, 2.3080

Trichromacy



Original Color

11.4394, 5.8321, 9.3269

Protanomaly

7.0013, 4.7994, 15.0254

Deuteranomaly

7.2588, 5.0751, 8.5797

Tritanomaly

10.3736, 5.7869, 4.0603

Monochromacy



Original Color

11.4394, 5.8321, 9.3269

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.2122, 3.5555, 5.5658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4394, 5.8321, 9.3269 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, 8, 86)` looks like.

```
.text, #text, p{  
    color:rgb(133, 8, 86)  
}
```

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, 8, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 8, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.4394, 5.8321, 9.3269 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, 8, 86) }
```


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

```
.border{ border-color:rgb(133, 8, 86) }
```

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

Here you see how a box with a 4 pixel rgb(133, 8, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 8, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 8, 86);  
box-shadow:4px 4px 4px 4px rgb(133, 8, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4394, 5.8321, 9.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 8, 86) }
```

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

```
.background{ background-color: rgb(133, 8,  
86) }
```

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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