

Converting Colors

XYZ(16.2397, 8.7959, 0.9280)

Have a look what the booklet for
XYZ(16.2397, 8.7959, 0.9280)
contains.

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Color

**XYZ(16.2397, 8.7959,
0.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	A71603
RGB	167, 22, 3
RGB Percent	65%, 9%, 1%
CMY	0.3451, 0.9137, 0.9882
CMYK	0.00, 0.87, 0.98, 0.35
HSL	7°, 96%, 33%
HSV	7°, 98%, 65%
XYZ	16.2397, 8.7959, 0.9280
YIQ	63.1890, 92.5190, 24.8310

Conversions

Conversions Part 2

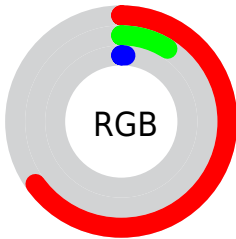
Format	Color
RYB	167, 24, 3
Decimal	10950147
CIELab	35.59, 55.09, 48.09
CIElCh	36, 73.121, 41.119
Yxy	8.7959, 0.6255, 0.3388
Android (android.graphics.Color)	4289140227 (0xFFA71603)
YUV	63.1890, -29.6732, 91.0422
Hunter-Lab	29.6579, 45.8395, 18.9053

Details

The XYZ color **16.2397, 8.7959, 0.9280** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.5999, 23.9840, 40.2607**, and the grayscale version is **4.7866, 5.0359, 5.4841**.

A 20% lighter version of the original color is **36.4233, 23.4116, 5.8480**, and **5.8257, 3.0033, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **16.1753, 8.6936, 0.8255**, and if you desaturate by 10%, it is **16.7146, 9.5744, 1.6150**.

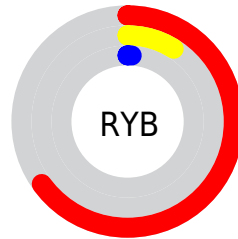
Distribution



Red (65%)

Green (9%)

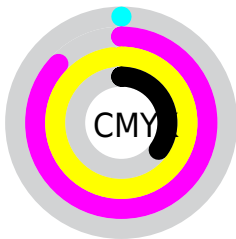
Blue (1%)



Red (65%)

Yellow (9%)

Blue (1%)

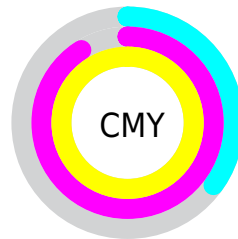


Cyan (0%)

Magenta (87%)

Yellow (98%)

Black (35%)



Cyan (35%)


Magenta (91%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2397, 8.7959, 0.9280 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 16.2397, 8.7959, 0.9280 by changing the saturation by 10% instead.


 16.2397, 8.7959,
0.9280


 16.2397, 8.7959,
0.9280


 223.9947,
181.8479, 102.5303


 9.7859, 4.6083,
0.0000


 36.5679, 23.5046,
5.8209


 5.3184, 2.0193,
0.0000

 51.1730, 34.7945,
10.8013


 2.4719, 0.6187,
0.0000

 69.2259, 49.2205,
18.0292

 0.8811, 0.0000,
0.0000

 91.0920, 67.1672,
27.9232


 0.0000, 0.0000,
0.0000

 117.1365, 89.0189,
40.9017


 147.7249,

115.1600, 57.3834


 183.2225,
145.9749, 77.7868


 16.2397, 8.7959,
0.9280


 16.2397, 8.7959,
0.9280


 16.1753, 8.6936,
0.8255

 16.7146, 9.5744,
1.6150

 17.4685, 10.7607,
2.8577

 18.5474, 12.4058,
4.7973

 19.9831, 14.5505,
7.5167

 21.8040, 17.2310,
11.0869

■ 24.0352, 20.4801,
15.5710

■ 26.6998, 24.3280,
21.0262

■ 29.8193, 28.8029,
27.5047

■ 33.4137, 33.9309,
35.0554

Harmonies

Analogous

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



19.3449, 8.7959, 5.7063



16.2397, 8.7959, 0.9280



11.3233, 8.7959, 0.0000

Triad

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



16.2397, 8.7959, 0.9280



2.7328, 8.7959, 3.7867



10.0536, 8.7959, 56.4763

Complementary

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



16.2397, 8.7959, 0.9280



17.5999, 23.9840, 40.2607

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.



5.9652, 8.7959, 53.8177



16.2397, 8.7959, 0.9280



2.5980, 8.7959, 14.8923

Square

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



16.2397, 8.7959, 0.9280



4.0249, 8.7959, 0.4386



3.5591, 8.7959, 35.0208



15.0413, 8.7959, 40.6666

Rectangle

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



16.2397, 8.7959, 0.9280



8.2003, 8.7959, 0.0000



3.5591, 8.7959, 35.0208



8.5223, 8.7959, 57.9208

Sweetspot

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



16.2399, 8.7965, 0.9281



47.1413, 42.5960, 36.2622



21.5222, 10.5019, 30.0006



10.0984, 8.8817, 7.1893



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



16.2399, 8.7965, 0.9281



28.8915, 15.4144, 1.4525



20.6453, 17.6072, 2.3966



7.5986, 7.6772, 7.8706



12.3974, 6.6921, 0.6383



0.3224, 0.2043, 0.0224

Inverse Universe

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



17.5999, 23.9840, 40.2607



31.2576, 42.5282, 72.0366



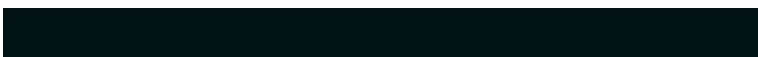
9.1162, 7.0166, 37.4328



7.6722, 8.3813, 9.6317



13.4202, 18.3007, 30.8006



0.3467, 0.4857, 0.7561

Previews

White Background



This preview shows how the XYZ color 16.2397, 8.7959, 0.9280 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

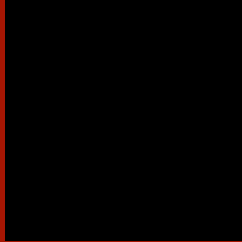
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2397, 8.7959, 0.9280

Background



This preview shows how black text looks on a background with the XYZ color 16.2397, 8.7959, 0.9280.



This preview shows how white text looks on a background with the XYZ color 16.2397, 8.7959,

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

16.2397, 8.7959, 0.9280

Protanopia

8.2870, 9.1965, 2.0478

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

16.3057, 8.7923, 1.3680

Trichromacy



Original Color

16.2397, 8.7959, 0.9280

Protanomaly

9.8828, 7.7243, 1.3855

Deuteranomaly

10.6746, 7.9010, 0.9912

Tritanomaly

16.2709, 8.7784, 1.1846

Monochromacy



Original Color

16.2397, 8.7959, 0.9280

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.8240, 5.0407, 2.7111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2397, 8.7959, 0.9280 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(167, 22, 3)` looks like.

```
.text, #text, p{  
    color:rgb(167, 22, 3)  
}
```

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(167, 22, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 22, 3) }
```

Border

The CSS property to change the border of an element to XYZ 16.2397, 8.7959, 0.9280 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(167, 22, 3) }
```


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

```
.border{ border-color:rgb(167, 22, 3) }
```

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

Here you see how a box with a 4 pixel rgb(167, 22, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 22, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 22, 3);  
box-shadow:4px 4px 4px 4px rgb(167, 22, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.2397, 8.7959, 0.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 22, 3) }
```

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

```
.background{ background-color: rgb(167, 22,  
3) }
```

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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