

Converting Colors

XYZ(16.1059, 8.4049, 1.2636)

Have a look what the booklet for
XYZ(16.1059, 8.4049, 1.2636)
contains.

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Color

**XYZ(16.1059, 8.4049,
1.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	A70710
RGB	167, 7, 16
RGB Percent	65%, 3%, 6%
CMY	0.3451, 0.9724, 0.9373
CMYK	0.00, 0.96, 0.90, 0.35
HSL	357°, 92%, 34%
HSV	357°, 96%, 65%
XYZ	16.1059, 8.4049, 1.2636
YIQ	55.8660, 92.4710, 36.7190

Conversions

Conversions Part 2

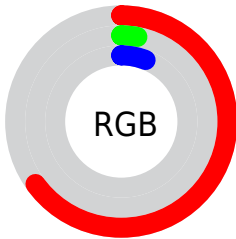
Format	Color
RYB	167, 7, 16
Decimal	10946320
CIELab	34.81, 57.67, 42.33
CIELCh	35, 71.533, 36.278
Yxy	8.4049, 0.6249, 0.3261
Android (android.graphics.Color)	4289136400 (0xFFA70710)
YUV	55.8660, -19.6539, 97.4645
Hunter-Lab	28.9912, 48.4301, 17.7097

Details

The XYZ color **16.1059, 8.4049, 1.2636** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.0807, 30.1523, 37.1225**, and the grayscale version is **3.7597, 3.9555, 4.3076**.

A 20% lighter version of the original color is **36.2714, 22.7519, 6.8947**, and **5.8257, 3.0033, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **15.9876, 8.2360, 1.0160**, and if you desaturate by 10%, it is **16.5148, 8.9606, 2.2088**.

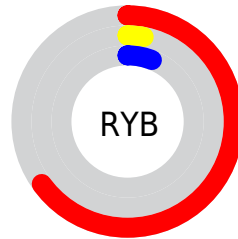
Distribution



Red (65%)

Green (3%)

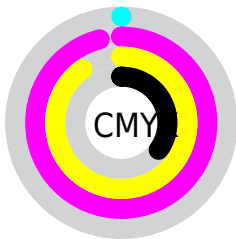
Blue (6%)



Red (65%)

Yellow (3%)

Blue (6%)

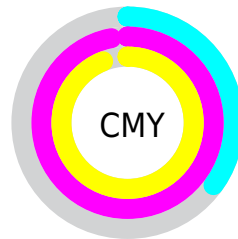


Cyan (0%)

Magenta (96%)

Yellow (90%)

Black (35%)



Cyan (35%)


Magenta (97%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1059, 8.4049, 1.2636 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 16.1059, 8.4049, 1.2636 by changing the saturation by 10% instead.


 16.1059, 8.4049,
1.2636


 16.1059, 8.4049,
1.2636


 223.2239,
178.8742, 109.6247


 9.6904, 4.3551,
0.0317


 36.3379, 22.7485,
6.9069


 5.2549, 1.8741,
0.0000

 50.8852, 33.8110,
12.4237


 2.4339, 0.5328,
0.0000

 68.8738, 47.9800,
20.2953

 0.8620, 0.0000,
0.0000

 90.6690, 65.6397,
30.9403


 0.0000, 0.0000,
0.0000


 116.6363, 87.1746,
44.7772


 147.1410,


112.9690, 62.2245

 182.5484,
143.4075, 83.7009


 16.1059, 8.4049,
1.2636


 16.1059, 8.4049,
1.2636


 15.9876, 8.2360,
1.0160

 16.5148, 8.9606,
2.2088

 17.2334, 9.9716,
3.7617

 18.3111, 11.5166,
6.0030

 19.7868, 13.6554,
9.0002

 21.6944, 16.4402,
12.8127

■ 24.0640, 19.9170,
17.4941

■ 26.9231, 24.1281,
23.0934

■ 30.2970, 29.1120,
29.6558

■ 34.2093, 34.9049,
37.2238

Harmonies

Analogous

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



18.5683, 8.4049, 6.9124



16.1059, 8.4049, 1.2636



11.5694, 8.4049, 0.0000

Triad

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



16.1059, 8.4049, 1.2636



2.7517, 8.4049, 2.7712



8.8755, 8.4049, 54.4119

Complementary

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



16.1059, 8.4049, 1.2636



20.0807, 30.1523, 37.1225

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.



5.2353, 8.4049, 48.8390



16.1059, 8.4049, 1.2636



2.4607, 8.4049, 11.8284

Square

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



16.1059, 8.4049, 1.2636



4.1945, 8.4049, 0.1646



3.1941, 8.4049, 29.8566



13.5729, 8.4049, 41.7285

Rectangle

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



16.1059, 8.4049, 1.2636



8.5075, 8.4049, 0.0000



3.1941, 8.4049, 29.8566



7.4912, 8.4049, 54.6985

Sweetspot

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



16.1061, 8.4054, 1.2637



46.2004, 40.2378, 37.4170



20.8265, 10.0440, 37.4000



9.8743, 8.3205, 7.4630



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.



16.1061, 8.4054, 1.2637



28.6083, 14.7404, 1.6901



18.5834, 13.4480, 1.8181



7.5475, 7.5489, 7.9345



12.2401, 6.3048, 0.8100



0.3030, 0.1555, 0.0469

Inverse Universe

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



16.1061, 8.4054, 1.2637



28.6083, 14.7404, 1.6901



11.4007, 11.5108, 38.1799



7.5475, 7.5489, 7.9345



12.2401, 6.3048, 0.8100



0.3030, 0.1555, 0.0469

Previews

White Background



This preview shows how the XYZ color 16.1059, 8.4049, 1.2636 looks on a white background.

Color Contrast Check

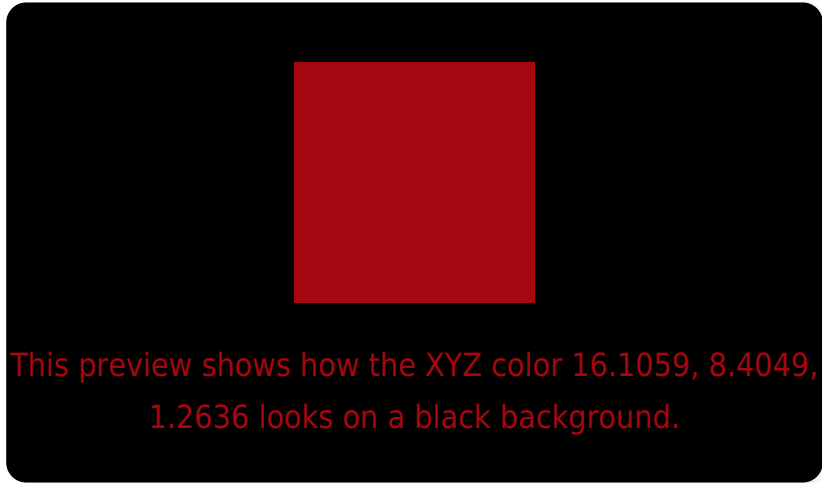
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1059, 8.4049, 1.2636

Background



This preview shows how black text looks on a background with the XYZ color 16.1059, 8.4049, 1.2636.



This preview shows how white text looks on a background with the XYZ color 16.1059, 8.4049,

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

16.1059, 8.4049, 1.2636

Protanopia

8.1119, 8.9756, 2.6012

Deuteranopia

8.8125, 8.8015, 1.2344



Tritanopia

15.8967, 8.4486, 0.7929

Trichromacy



Original Color

16.1059, 8.4049, 1.2636

Protanomaly

9.5347, 7.0658, 1.8386

Deuteranomaly

10.2081, 7.1485, 1.0141

Tritanomaly

15.8902, 8.3831, 0.9529

Monochromacy



Original Color

16.1059, 8.4049, 1.2636

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.9172, 4.0331, 2.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1059, 8.4049, 1.2636 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, 7, 16)` looks like.

```
.text, #text, p{  
    color:rgb(167, 7, 16)  
}
```

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, 7, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 7, 16) }
```

Border

The CSS property to change the border of an element to XYZ 16.1059, 8.4049, 1.2636 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, 7, 16) }
```


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

```
.border{ border-color:rgb(167, 7, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 7, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 7, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 7, 16);  
box-shadow:4px 4px 4px 4px rgb(167, 7, 16)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.1059, 8.4049, 1.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 7, 16) }
```

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

```
.background{ background-color: rgb(167, 7,  
16) }
```

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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