

Converting Colors

XYZ(16.3408, 8.8363, 1.4604)

Have a look what the booklet for
XYZ(16.3408, 8.8363, 1.4604)
contains.

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Color

**XYZ(16.3408, 8.8363,
1.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	A71613
RGB	167, 22, 19
RGB Percent	65%, 9%, 7%
CMY	0.3451, 0.9137, 0.9255
CMYK	0.00, 0.87, 0.89, 0.35
HSL	1°, 80%, 36%
HSV	1°, 89%, 65%
XYZ	16.3408, 8.8363, 1.4604
YIQ	65.0130, 87.3830, 29.8070

Conversions

Conversions Part 2

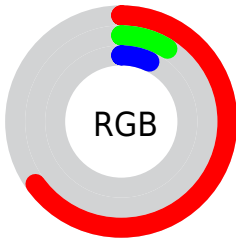
Format	Color
RYB	167, 22, 19
Decimal	10950163
CIELab	35.67, 55.32, 41.56
CIELCh	36, 69.194, 36.918
Yxy	8.8363, 0.6135, 0.3317
Android (android.graphics.Color)	4289140243 (0xFFA71613)
YUV	65.0130, -22.6844, 89.4426
Hunter-Lab	29.7259, 46.1039, 17.8953

Details

The XYZ color **16.3408, 8.8363, 1.4604** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.5162, 29.4738, 41.1667**, and the grayscale version is **5.0517, 5.3148, 5.7878**.

A 20% lighter version of the original color is **36.7289, 23.5338, 7.4571**, and **5.8257, 3.0033, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **16.0102, 8.3432, 0.8326**, and if you desaturate by 10%, it is **16.9553, 9.7513, 2.6337**.

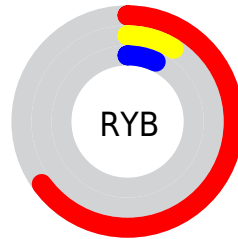
Distribution



Red (65%)

Green (9%)

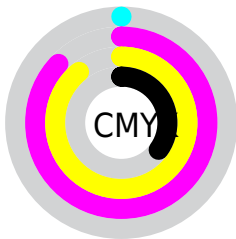
Blue (7%)



Red (65%)

Yellow (9%)

Blue (7%)

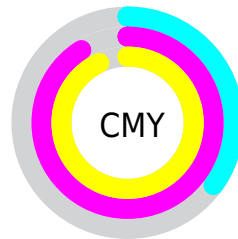


Cyan (0%)

Magenta (87%)

Yellow (89%)

Black (35%)



Cyan (35%)


Magenta (91%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3408, 8.8363, 1.4604 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 16.3408, 8.8363, 1.4604 by changing the saturation by 10% instead.


 16.3408, 8.8363,
1.4604


 16.3408, 8.8363,
1.4604

 224.5755,
182.1520, 113.3381


 9.8580, 4.6346,
0.1882


 36.7415, 23.5824,
7.5048


 5.3665, 2.0345,
0.0000

 51.3902, 34.8954,
13.3037


 2.5008, 0.6274,
0.0000

 69.4915, 49.3478,
21.5117

 0.8957, 0.0000,
0.0000

 91.4108, 67.3238,
32.5474

 0.0000, 0.0000,
0.0000

 117.5135, 89.2078,
46.8294


 148.1650,


115.3842, 64.7761


 183.7305,
146.2375, 86.8062


 16.3408, 8.8363,
1.4604


 16.3408, 8.8363,
1.4604


 16.0102, 8.3432,
0.8326


 16.9553, 9.7513,
2.6337

 15.9732, 8.2893,
0.7581

 17.9188, 11.1742,
4.5087

 19.2728, 13.1649,
7.1718

 21.0530, 15.7743,
10.6970

 23.2910, 19.0479,
15.1498

■ 26.0154, 23.0269,
20.5893

■ 29.2525, 27.7491,
27.0696

■ 33.0268, 33.2496,
34.6411

■ 37.3609, 39.5614,
43.3508

Harmonies

Analogous

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



18.8134, 8.8363, 7.1657



16.3408, 8.8363, 1.4604



11.8568, 8.8363, 0.0000

Triad

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



16.3408, 8.8363, 1.4604



3.0593, 8.8363, 3.2365



9.3772, 8.8363, 53.4507

Complementary

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



16.3408, 8.8363, 1.4604



20.5162, 29.4738, 41.1667

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.



5.6882, 8.8363, 48.4942



16.3408, 8.8363, 1.4604



2.7778, 8.8363, 12.5821

Square

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



16.3408, 8.8363, 1.4604



4.5194, 8.8363, 0.4317



3.5659, 8.8363, 30.3484



14.0330, 8.8363, 40.9813

Rectangle

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



16.3408, 8.8363, 1.4604



8.8266, 8.8363, 0.0000



3.5659, 8.8363, 30.3484



7.9847, 8.8363, 53.8620

Sweetspot

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



16.3410, 8.8369, 1.4605



47.2026, 42.1308, 38.0947



22.9182, 11.3808, 36.3636



10.1769, 8.8644, 7.7529



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.



16.3410, 8.8369, 1.4605



28.5889, 14.8093, 1.3517



20.1881, 16.5312, 2.7429



7.5429, 7.5659, 7.8521



12.2274, 6.3520, 0.5816



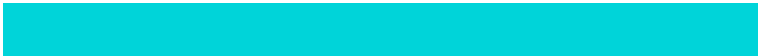
0.3012, 0.1620, 0.0154

Inverse Universe

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



20.5162, 29.4738, 41.1667



36.1190, 52.2511, 73.6571



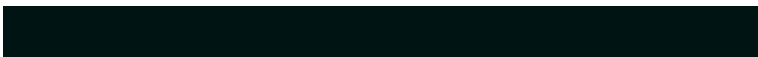
10.9449, 10.3311, 37.9762



7.7343, 8.5054, 9.6524



15.4455, 22.3512, 31.4756



0.3797, 0.5517, 0.7671

Previews

White Background



This preview shows how the XYZ color 16.3408, 8.8363, 1.4604 looks on a white background.

Color Contrast Check

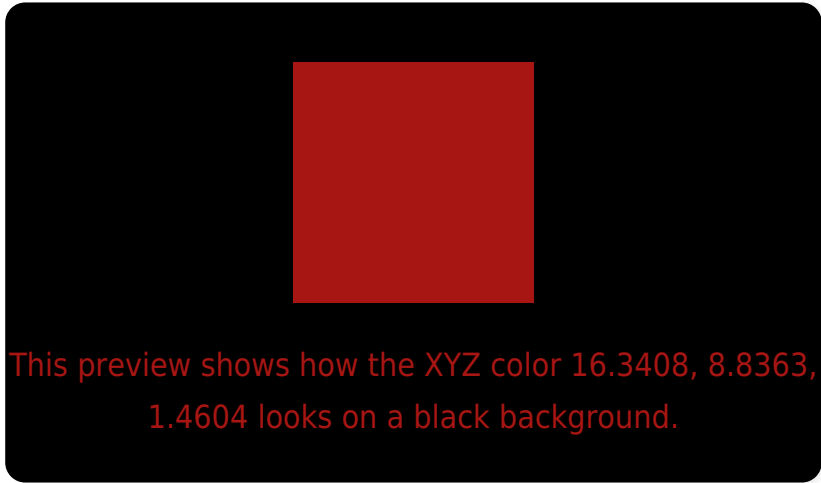
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3408, 8.8363, 1.4604

Background



This preview shows how black text looks on a background with the XYZ color 16.3408, 8.8363, 1.4604.



This preview shows how white text looks on a background with the XYZ color 16.3408, 8.8363,

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

16.3408, 8.8363, 1.4604

Protanopia

8.4262, 9.2522, 2.7806

Deuteranopia

9.1268, 9.0730, 1.2702



Tritanopia

16.3408, 8.8363, 1.4604

Trichromacy



Original Color

16.3408, 8.8363, 1.4604

Protanomaly

10.0131, 7.7764, 2.0719

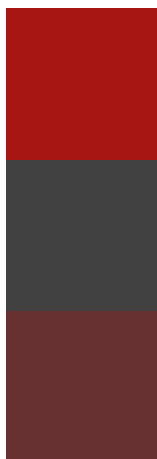
Deuteranomaly

10.7075, 7.9142, 1.1643

Tritanomaly

16.3408, 8.8363, 1.4604

Monochromacy



Original Color

16.3408, 8.8363, 1.4604

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

7.1113, 5.2348, 3.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3408, 8.8363, 1.4604 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, 19)` looks like.

```
.text, #text, p{  
    color:rgb(167, 22, 19)  
}
```

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, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 22, 19) }
```

Border

The CSS property to change the border of an element to XYZ 16.3408, 8.8363, 1.4604 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, 19) }
```


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

```
.border{ border-color:rgb(167, 22, 19) }
```

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, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 22, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 22, 19);  
box-shadow:4px 4px 4px 4px rgb(167, 22,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3408, 8.8363, 1.4604 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, 19) }
```

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

```
.background{ background-color: rgb(167, 22,  
19) }
```

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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