

Converting Colors

XYZ(16.0562, 8.2635, 1.3766)

Have a look what the booklet for
XYZ(16.0562, 8.2635, 1.3766)
contains.

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Color

**XYZ(16.0539, 8.2625,
1.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	A70013
RGB	167, 0, 19
RGB Percent	65%, 0%, 7%
CMY	0.3451, 0.9999, 0.9255
CMYK	0.00, 1.00, 0.89, 0.35
HSL	353°, 100%, 33%
HSV	353°, 100%, 65%
XYZ	16.0539, 8.2625, 1.3648
YIQ	52.0990, 93.4330, 41.3130

Conversions

Conversions Part 2

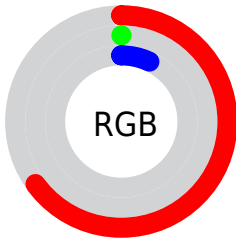
Format	Color
R_{YB}	167, 0, 19
Decimal	10944531
CIE Lab	34.52, 58.61, 40.65
CIE LCh	35, 71.330, 34.744
Yxy	8.2625, 0.6251, 0.3217
Android (android.graphics.Color)	4289134611 (0xFFA70013)
YUV	52.0990, -16.3178, 100.7682
Hunter-Lab	28.7446, 49.3896, 17.3061

Details

The XYZ color **16.0539, 8.2625, 1.3648** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **19.1663, 29.7763, 32.7648**, and the grayscale version is **3.2885, 3.4597, 3.7676**.

A 20% lighter version of the original color is **36.2124, 22.5009, 7.2850**, and **5.8257, 3.0033, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **16.0536, 8.2624, 1.3637**, and if you desaturate by 10%, it is **16.4184, 8.7223, 2.3167**.

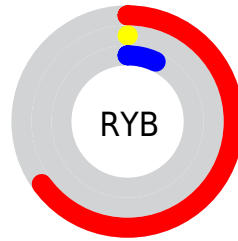
Distribution



Red (65%)

Green (0%)

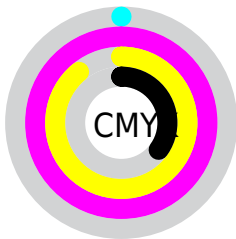
Blue (7%)



Red (65%)

Yellow (0%)

Blue (7%)

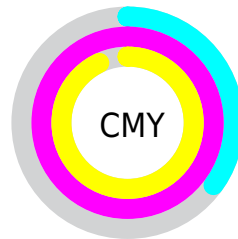


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (35%)



Cyan (35%)


Magenta (100%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0539, 8.2625, 1.3648 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 16.0539, 8.2625, 1.3648 by changing the saturation by 10% instead.


 16.0539, 8.2625,
1.3648


 16.0539, 8.2625,
1.3648


 222.9237,
177.7767, 111.5687


 9.6534, 4.2634,
0.1140


 36.2484, 22.4715,
7.2174


 5.2303, 1.8220,
0.0000

 50.7732, 33.4501,
12.8818


 2.4191, 0.5008,
0.0000

 68.7367, 47.5240,
20.9296

 0.8547, 0.0000,
0.0000

 90.5044, 65.0776,
31.7793


 0.0000, 0.0000,
0.0000


 116.4416, 86.4953,
45.8495


 146.9136,


112.1614, 63.5588


 182.2859,
142.4604, 85.3257


 16.0539, 8.2625,
1.3648


 16.0539, 8.2625,
1.3648


 16.0536, 8.2624,
1.3637

 16.4184, 8.7223,
2.3167

 17.0381, 9.5454,
3.8067

 17.9909, 10.8709,
5.9126

 19.3158, 12.7622,
8.6925

 21.0462, 15.2733,
12.1975

■ 23.2121, 18.4520,
16.4738

■ 25.8401, 22.3413,
21.5636

■ 28.9552, 26.9807,
27.5064

■ 32.5803, 32.4067,
34.3387

Harmonies

Analogous

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



18.3269, 8.2625, 7.2898



16.0539, 8.2625, 1.3648



11.6273, 8.2625, 0.0000

Triad

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



16.0539, 8.2625, 1.3648



2.7374, 8.2625, 2.4778



8.5089, 8.2625, 53.8827

Complementary

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



16.0539, 8.2625, 1.3648



19.1663, 29.7763, 32.7648

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.



4.9995, 8.2625, 47.4403



16.0539, 8.2625, 1.3648



2.4001, 8.2625, 10.9507

Square

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



16.0539, 8.2625, 1.3648



4.2253, 8.2625, 0.0637



3.0658, 8.2625, 28.3835



13.1231, 8.2625, 42.1159

Rectangle

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



16.0539, 8.2625, 1.3648



8.5816, 8.2625, 0.0000



3.0658, 8.2625, 28.3835



7.1673, 8.2625, 53.8259

Sweetspot

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



16.0541, 8.2630, 1.3649



45.9926, 39.5879, 38.0700



19.1013, 9.0417, 37.2974



9.8466, 8.1983, 7.6595



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.



16.0541, 8.2630, 1.3649



28.7125, 14.7820, 2.2388



17.7716, 11.8860, 1.3583



7.5645, 7.5557, 8.0239



12.2943, 6.3264, 1.0956



0.3094, 0.1580, 0.0808

Inverse Universe

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



16.0541, 8.2630, 1.3649



28.7125, 14.7820, 2.2388



11.8249, 12.4893, 38.3464



7.5645, 7.5557, 8.0239



12.2943, 6.3264, 1.0956



0.3094, 0.1580, 0.0808

Previews

White Background



This preview shows how the XYZ color 16.0539, 8.2625, 1.3648 looks on a white background.

Color Contrast Check

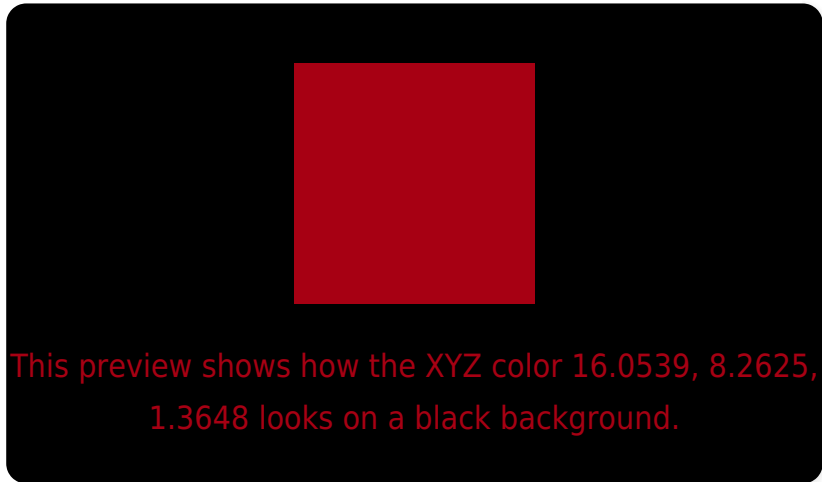
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0539, 8.2625, 1.3648

Background



This preview shows how black text looks on a background with the XYZ color 16.0539, 8.2625, 1.3648.



This preview shows how white text looks on a background with the XYZ color 16.0539, 8.2625,

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

16.0539, 8.2625, 1.3648

Protanopia

8.0752, 8.8358, 2.7933

Deuteranopia

8.8125, 8.8015, 1.2344



Tritanopia

15.8967, 8.4486, 0.7929

Trichromacy



Original Color

16.0539, 8.2625, 1.3648

Protanomaly

9.3800, 6.6999, 1.9612

Deuteranomaly

10.1243, 6.9722, 1.0132

Tritanomaly

15.8728, 8.3394, 0.9741

Monochromacy



Original Color

16.0539, 8.2625, 1.3648

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.5430, 3.6206, 2.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0539, 8.2625, 1.3648 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, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 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, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 19) }
```

Border

The CSS property to change the border of an element to XYZ 16.0539, 8.2625, 1.3648 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, 0, 19) }
```


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

```
.border{ border-color:rgb(167, 0, 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, 0, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(167, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.0539, 8.2625, 1.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 19) }
```

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

```
.background{ background-color: rgb(167, 0,  
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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