

Converting Colors

XYZ(15.4686, 6.5831, 3.2558)

Have a look what the booklet for
XYZ(15.4686, 6.5831, 3.2558)
contains.

XYZ(16.2594, 8.3204, 3.5453)	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(16.2594, 8.3204,
3.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	A60030
RGB	166, 0, 48
RGB Percent	65%, 0%, 19%
CMY	0.3490, 0.9999, 0.8118
CMYK	0.00, 1.00, 0.71, 0.35
HSL	343°, 100%, 33%
HSV	343°, 100%, 65%
XYZ	16.2594, 8.3204, 3.5453
YIQ	55.1060, 83.5280, 50.1200

Conversions

Conversions Part 2

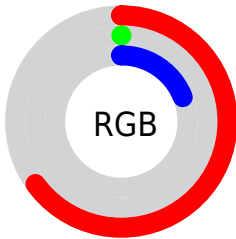
Format	Color
RYB	166, 0, 48
Decimal	10879024
CIELab	34.64, 59.28, 23.45
CIELCh	35, 63.748, 21.582
Yxy	8.3204, 0.5781, 0.2958
Android (android.graphics.Color)	4289069104 (0xFFA60030)
YUV	55.1060, -3.5033, 97.2540
Hunter-Lab	28.8451, 50.1379, 12.9043

Details

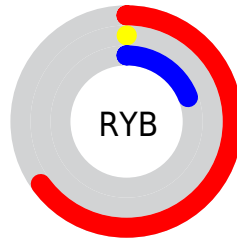
The XYZ color **16.2594, 8.3204, 3.5453** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.9081, 28.5811, 21.7733**, and the grayscale version is **3.6434, 3.8331, 4.1743**.

A 20% lighter version of the original color is **36.6692, 22.6099, 13.0211**, and **5.9548, 3.0686, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **16.2589, 8.3202, 3.5433**, and if you desaturate by 10%, it is **16.7309, 8.8205, 5.0682**.

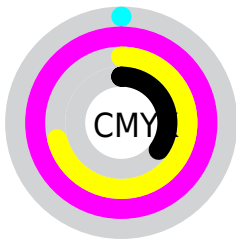
Distribution



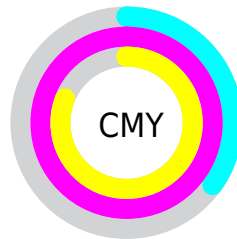
- Red (65%)
- Green (0%)
- Blue (19%)



- Red (65%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2594, 8.3204, 3.5453 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 16.2594, 8.3204, 3.5453 by changing the saturation by 10% instead.

 16.2594, 8.3204,
3.5453


 16.2594, 8.3204,
3.5453

224.1080,
178.2239, 143.0287


 9.7999, 4.3006,
1.3794


 36.6018, 22.5842,
12.9467


 5.3277, 1.8431,
0.1255

 51.2154, 33.5970,
21.0193


 2.4775, 0.5138,
0.0000

 69.2777, 47.7097,
31.8978

 0.8839, 0.0000,
0.0000

 91.1541, 65.3065,
46.0008

 0.0000, 0.0000,
0.0000

 117.2100, 86.7720,
63.7469

 147.8107,

112.4904, 85.5545

183.3216,
142.8463, 111.8423

16.2594, 8.3204,
3.5453

16.2594, 8.3204,
3.5453

16.2589, 8.3202,
3.5433

16.7309, 8.8205,
5.0682

17.4328, 9.6700,
7.0110

18.4360, 11.0041,
9.4183

19.7740, 12.8834,
12.3205

21.4754, 15.3592,
15.7452

■ 23.5656, 18.4771,
19.7177

■ 26.0678, 22.2782,
24.2616

■ 29.0032, 26.7999,
29.3990

■ 32.3916, 32.0773,
35.1508

Harmonies

Analogous

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



16.9332, 8.3204, 12.2862



16.2594, 8.3204, 3.5453



13.0424, 8.3204, 0.6838

Triad

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



16.2594, 8.3204, 3.5453



3.6271, 8.3204, 1.4771



6.9367, 8.3204, 46.2795

Complementary

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



16.2594, 8.3204, 3.5453



16.9081, 28.5811, 21.7733

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.



4.3369, 8.3204, 35.1960



16.2594, 8.3204, 3.5453



2.8437, 8.3204, 6.4539

Square

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



16.2594, 8.3204, 3.5453



5.6237, 8.3204, 0.0313



3.0566, 8.3204, 18.4940



10.7404, 8.3204, 42.8746

Rectangle

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



16.2594, 8.3204, 3.5453



10.3057, 8.3204, 0.0000



3.0566, 8.3204, 18.4940



5.9149, 8.3204, 43.9393

Sweetspot

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



16.2596, 8.3209, 3.5454



47.0297, 40.0027, 43.5312



14.1133, 6.4810, 36.5833



10.0954, 8.2979, 8.9698



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.



16.2596, 8.3209, 3.5454



29.4285, 15.0684, 6.0090



16.2760, 9.2070, 0.9201



7.6170, 7.5767, 8.3002



12.6261, 6.4592, 2.8427



0.3290, 0.1659, 0.1840

Inverse Universe

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



16.2596, 8.3209, 3.5454



29.4285, 15.0684, 6.0090



15.2441, 19.4750, 39.0318



7.6170, 7.5767, 8.3002



12.6261, 6.4592, 2.8427



0.3290, 0.1659, 0.1840

Previews

White Background



This preview shows how the XYZ color 16.2594, 8.3204, 3.5453 looks on a white background.

Color Contrast Check

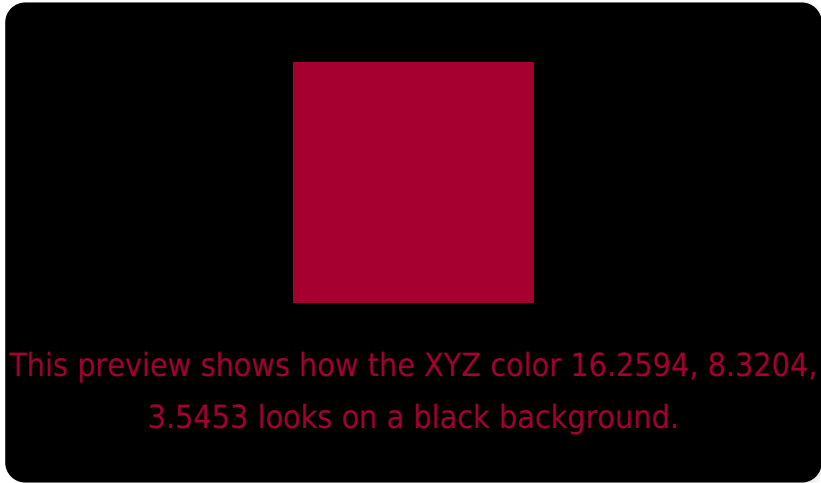
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2594, 8.3204, 3.5453

Background



This preview shows how black text looks on a background with the XYZ color 16.2594, 8.3204, 3.5453.



This preview shows how white text looks on a background with the XYZ color 16.2594, 8.3204,

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

16.2594, 8.3204, 3.5453

Protanopia

8.4275, 8.9194, 7.2387

Deuteranopia

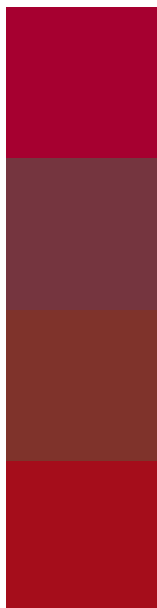
8.9606, 8.8336, 3.2403



Tritanopia

15.8534, 8.5341, 1.2636

Trichromacy



Original Color

16.2594, 8.3204, 3.5453

Protanomaly

9.5064, 6.6870, 5.4923

Deuteranomaly

10.3723, 7.0541, 3.1004

Tritanomaly

15.8588, 8.3663, 1.8159

Monochromacy



Original Color

16.2594, 8.3204, 3.5453

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.9402, 3.8829, 3.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2594, 8.3204, 3.5453 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(166, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 48)  
}
```

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(166, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 48) }
```

Border

The CSS property to change the border of an element to XYZ 16.2594, 8.3204, 3.5453 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(166, 0, 48) }
```


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

```
.border{ border-color:rgb(166, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(166, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(166, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.2594, 8.3204, 3.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 48) }
```

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

```
.background{ background-color: rgb(166, 0,  
48) }
```

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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