

Converting Colors

XYZ(15.4190, 8.5992, 2.3398)

Have a look what the booklet for
XYZ(15.4190, 8.5992, 2.3398)
contains.

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Color

**XYZ(15.4509, 8.6211,
2.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	A11E22
RGB	161, 30, 34
RGB Percent	63%, 12%, 13%
CMY	0.3686, 0.8823, 0.8667
CMYK	0.00, 0.81, 0.79, 0.37
HSL	358°, 69%, 37%
HSV	358°, 81%, 63%
XYZ	15.4509, 8.6211, 2.3631
YIQ	69.6250, 76.7920, 29.0160

Conversions

Conversions Part 2

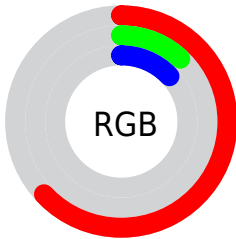
Format	Color
RYB	161, 30, 34
Decimal	10559010
CIELab	35.24, 52.00, 32.56
CIELCh	35, 61.356, 32.056
Yxy	8.6211, 0.5845, 0.3261
Android (android.graphics.Color)	4288749090 (0xFFA11E22)
YUV	69.6250, -17.5631, 80.1359
Hunter-Lab	29.3617, 42.5484, 15.7814

Details

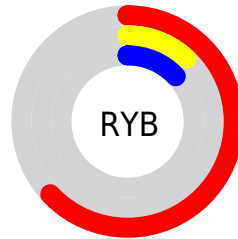
The XYZ color **15.4509, 8.6211, 2.3631** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.3672, 28.2003, 36.3253**, and the grayscale version is **5.7794, 6.0804, 6.6216**.

A 20% lighter version of the original color is **35.3324, 23.2319, 10.0191**, and **5.3668, 2.7667, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **14.9660, 7.9337, 1.3317**, and if you desaturate by 10%, it is **16.2465, 9.7667, 4.0026**.

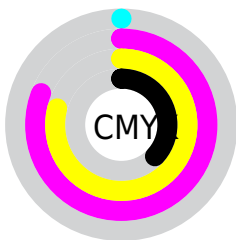
Distribution



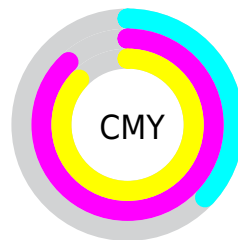
- Red (63%)
- Green (12%)
- Blue (13%)



- Red (63%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (79%)
- Black (37%)




- Cyan (37%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4509, 8.6211, 2.3631 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 15.4509, 8.6211, 2.3631 by changing the saturation by 10% instead.


 15.4509, 8.6211,
2.3631


 15.4509, 8.6211,
2.3631


219.4141,
180.5256, 127.7822

 9.2248, 4.4949,
0.7662


 35.2075, 23.1674,
10.0116

 4.9464, 1.9541,
0.0000

 49.4687, 34.3562,
16.9136


 2.2503, 0.5806,
0.0000

 67.1390, 48.6680,
26.4255

 0.7690, 0.0000,
0.0000


 88.5837, 66.4872,
38.9659


 0.0000, 0.0000,
0.0000


 114.1682, 88.1981,
54.9531


 144.2579,


114.1852, 74.8059


 179.2180,
144.8329, 98.9428


 15.4509, 8.6211,
2.3631


 15.4509, 8.6211,
2.3631

 14.9660, 7.9337,
1.3317


 16.2465, 9.7667,
4.0026

 14.7246, 7.5877,
0.8293

 17.3925, 11.4295,
6.3240

 18.9232, 13.6617,
9.3908

 20.8688, 16.5084,
13.2592

 23.2564, 20.0105,
17.9802

■ 26.1109, 24.2051,
23.6003

■ 29.4552, 29.1267,
30.1628

■ 33.3109, 34.8074,
37.7082

■ 37.6981, 41.2774,
46.2745

Harmonies

Analogous

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



17.0879, 8.6211, 8.7027



15.4509, 8.6211, 2.3631



11.8286, 8.6211, 0.4589

Triad

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



15.4509, 8.6211, 2.3631



3.5210, 8.6211, 2.8814



8.4415, 8.6211, 45.6318

Complementary

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



15.4509, 8.6211, 2.3631



19.3672, 28.2003, 36.3253

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.



5.3926, 8.6211, 39.4290



15.4509, 8.6211, 2.3631



3.0891, 8.6211, 10.1061

Square

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



15.4509, 8.6211, 2.3631



5.0780, 8.6211, 0.6128



3.6623, 8.6211, 24.0620



12.3789, 8.6211, 37.6307

Rectangle

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



15.4509, 8.6211, 2.3631



9.1745, 8.6211, 0.0000



3.6623, 8.6211, 24.0620



7.2861, 8.6211, 45.1312

Sweetspot

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



15.4511, 8.6216, 2.3632



45.0906, 40.8909, 38.9780



20.7306, 10.6336, 34.6777



9.5124, 8.4146, 7.8071



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.4511, 8.6216, 2.3632



26.4253, 13.6835, 1.5478



18.6853, 15.1768, 3.1737



7.0821, 7.0893, 7.4188



11.7631, 6.0613, 0.6771



0.2496, 0.1283, 0.0272

Inverse Universe

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



15.4511, 8.6216, 2.3632



26.4253, 13.6835, 1.5478



11.5136, 11.9391, 35.4155



7.0821, 7.0893, 7.4188



11.7631, 6.0613, 0.6771



0.2496, 0.1283, 0.0272

Previews

White Background



This preview shows how the XYZ color 15.4509, 8.6211, 2.3631 looks on a white background.

Color Contrast Check

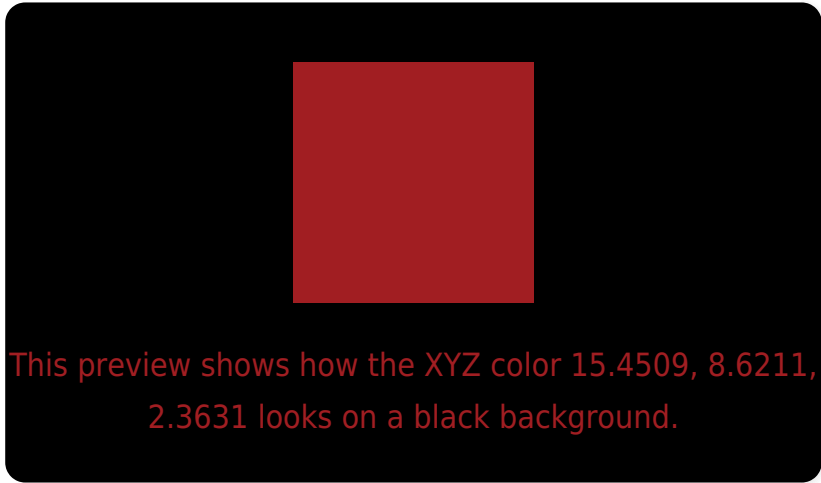
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4509, 8.6211, 2.3631

Background



This preview shows how black text looks on a background with the XYZ color 15.4509, 8.6211, 2.3631.



This preview shows how white text looks on a background with the XYZ color 15.4509, 8.6211,

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

15.4509, 8.6211, 2.3631

Protanopia

8.2389, 8.8896, 4.1873

Deuteranopia

8.9774, 8.8674, 2.1026



Tritanopia

15.4223, 8.6508, 2.0852

Trichromacy



Original Color

15.4509, 8.6211, 2.3631

Protanomaly

9.7592, 7.7002, 3.3548

Deuteranomaly

10.5364, 7.9647, 2.0806

Tritanomaly

15.4353, 8.6560, 2.1536

Monochromacy



Original Color

15.4509, 8.6211, 2.3631

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.6982, 5.9113, 4.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4509, 8.6211, 2.3631 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(161, 30, 34)` looks like.

```
.text, #text, p{  
    color:rgb(161, 30, 34)  
}
```

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(161, 30, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 30, 34) }
```

Border

The CSS property to change the border of an element to XYZ 15.4509, 8.6211, 2.3631 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(161, 30, 34) }
```


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

```
.border{ border-color:rgb(161, 30, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 30, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 30, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 30, 34);  
box-shadow:4px 4px 4px 4px rgb(161, 30,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4509, 8.6211, 2.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 30, 34) }
```

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

```
.background{ background-color: rgb(161, 30,  
34) }
```

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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