

Converting Colors

XYZ(15.9255, 8.3976, 1.1299)

Have a look what the booklet for
XYZ(15.9255, 8.3976, 1.1299)
contains.

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Color

**XYZ(15.9237, 8.3965,
1.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	A60C0C
RGB	166, 12, 12
RGB Percent	65%, 5%, 5%
CMY	0.3490, 0.9528, 0.9529
CMYK	0.00, 0.93, 0.93, 0.35
HSL	0°, 87%, 35%
HSV	0°, 93%, 65%
XYZ	15.9237, 8.3965, 1.1292
YIQ	58.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

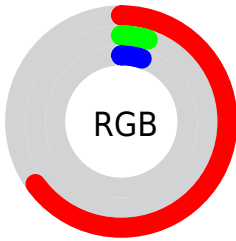
Format	Color
RYB	166, 12, 12
Decimal	10882060
CIELab	34.80, 56.69, 43.96
CIElCh	35, 71.741, 37.793
Yxy	8.3965, 0.6257, 0.3299
Android (android.graphics.Color)	4289072140 (0xFFA60C0C)
YUV	58.0460, -22.7007, 94.6757
Hunter-Lab	28.9767, 47.3826, 17.9732

Details

The XYZ color **15.9237, 8.3965, 1.1292** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.6657, 30.0937, 40.7955**, and the grayscale version is **4.0506, 4.2615, 4.6408**.

A 20% lighter version of the original color is **35.9455, 22.7008, 6.4901**, and **5.7089, 2.9431, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **15.7260, 8.1075, 0.7361**, and if you desaturate by 10%, it is **16.3728, 9.0540, 2.0212**.

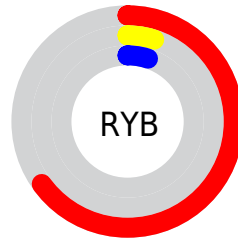
Distribution



Red (65%)

Green (5%)

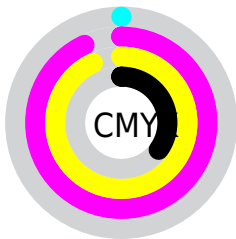
Blue (5%)



Red (65%)

Yellow (5%)

Blue (5%)

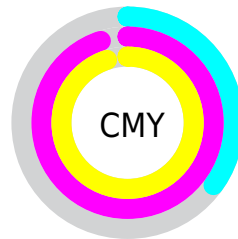


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (35%)



Cyan (35%)


Magenta (95%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9237, 8.3965, 1.1292 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 15.9237, 8.3965, 1.1292 by changing the saturation by 10% instead.


 15.9237, 8.3965,
1.1292


 15.9237, 8.3965,
1.1292


 222.1703,
178.8097, 106.9142


 9.5607, 4.3497,
0.0000


 36.0242, 22.7321,
6.4831


 5.1687, 1.8710,
0.0000

 50.4924, 33.7898,
11.7945


 2.3823, 0.5309,
0.0000

 68.3931, 47.9531,
19.4204

 0.8363, 0.0000,
0.0000


 90.0915, 65.6066,
29.7791


 0.0000, 0.0000,
0.0000


 115.9531, 87.1346,
43.2893

 146.3432,


112.9216, 60.3695


 181.6271,
143.3518, 81.4383


 15.9237, 8.3965,
1.1292


 15.9237, 8.3965,
1.1292


 15.7260, 8.1075,
0.7361

 16.3728, 9.0540,
2.0212

 17.1500, 10.1915,
3.5660

 18.3024, 11.8779,
5.8566

 19.8692, 14.1706,
8.9709

 21.8845, 17.1196,
12.9772

■ 24.3791, 20.7700,
17.9365

■ 27.3811, 25.1627,
23.9045

■ 30.9163, 30.3355,
30.9326

■ 35.0088, 36.3238,
39.0689

Harmonies

Analogous

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



18.5494, 8.3965, 6.4218



15.9237, 8.3965, 1.1292



11.3280, 8.3965, 0.0000

Triad

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



15.9237, 8.3965, 1.1292



2.6981, 8.3965, 3.0084



9.0923, 8.3965, 54.3558

Complementary

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



15.9237, 8.3965, 1.1292



20.6657, 30.0937, 40.7955

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.



5.3676, 8.3965, 49.7065



15.9237, 8.3965, 1.1292



2.4583, 8.3965, 12.5396

Square

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



15.9237, 8.3965, 1.1292



4.0739, 8.3965, 0.2307



3.2480, 8.3965, 30.9785



13.8180, 8.3965, 40.8697

Rectangle

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



15.9237, 8.3965, 1.1292



8.2866, 8.3965, 0.0000



3.2480, 8.3965, 30.9785



7.6823, 8.3965, 54.9844

Sweetspot

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



15.9239, 8.3970, 1.1293



46.4472, 40.9164, 36.9288



22.7401, 11.1230, 37.0245



9.9104, 8.4487, 7.3026



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.



15.9239, 8.3970, 1.1293



28.5414, 14.7143, 1.3358



19.3644, 15.2781, 2.2762



7.5312, 7.5425, 7.8482



12.1949, 6.2871, 0.5708



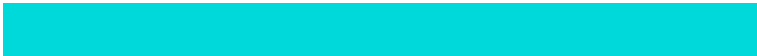
0.2967, 0.1530, 0.0139

Inverse Universe

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



20.6657, 30.0937, 40.7955



37.2306, 54.4741, 74.0276



10.6068, 9.9759, 37.4425



7.7475, 8.5318, 9.6568



15.9075, 23.2753, 31.6297



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 15.9237, 8.3965, 1.1292 looks on a white background.

Color Contrast Check

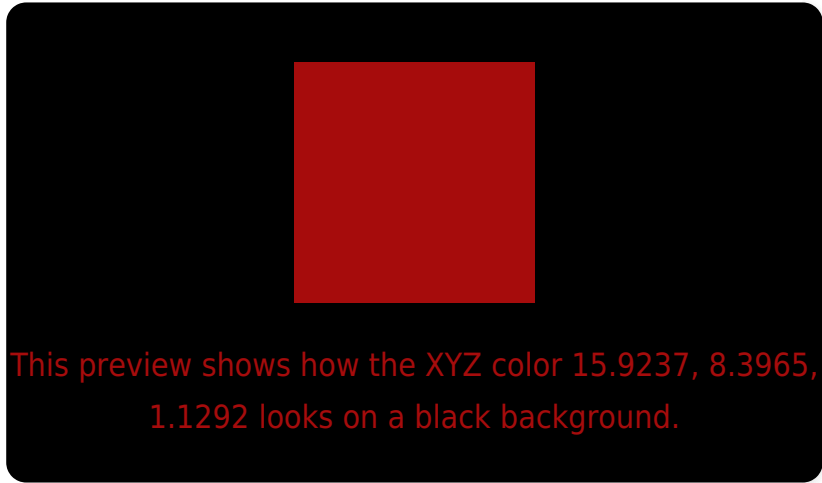
Large Text (above 18pt) WCAG AA ✓ Pass

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

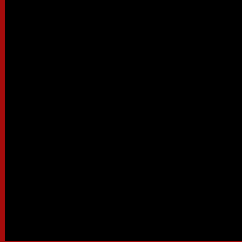
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9237, 8.3965, 1.1292

Background



This preview shows how black text looks on a background with the XYZ color 15.9237, 8.3965, 1.1292.



This preview shows how white text looks on a background with the XYZ color 15.9237, 8.3965,

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

15.9237, 8.3965, 1.1292

Protanopia

7.9842, 8.7995, 2.3146

Deuteranopia

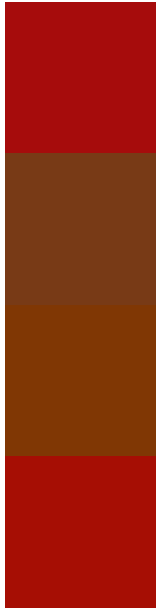
8.8125, 8.8015, 1.2344



Tritanopia

15.8967, 8.4486, 0.7929

Trichromacy



Original Color

15.9237, 8.3965, 1.1292

Protanomaly

9.4036, 7.0771, 1.6295

Deuteranomaly

10.2902, 7.3303, 0.9874

Tritanomaly

15.9048, 8.4298, 0.9037

Monochromacy



Original Color

15.9237, 8.3965, 1.1292

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.1229, 4.2874, 2.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9237, 8.3965, 1.1292 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, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(166, 12, 12)  
}
```

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, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 12, 12) }
```

Border

The CSS property to change the border of an element to XYZ 15.9237, 8.3965, 1.1292 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, 12, 12) }
```


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

```
.border{ border-color:rgb(166, 12, 12) }
```

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

Here you see how a box with a 4 pixel rgb(166, 12, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(166, 12,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9237, 8.3965, 1.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 12, 12) }
```

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

```
.background{ background-color: rgb(166, 12,  
12) }
```

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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