

Converting Colors

XYZ(14.6591, 5.8968, 1.4588)

Have a look what the booklet for
XYZ(14.6591, 5.8968, 1.4588)
contains.

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Color

**XYZ(15.7267, 8.0832,
1.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	A5001C
RGB	165, 0, 28
RGB Percent	65%, 0%, 11%
CMY	0.3529, 0.9999, 0.8902
CMYK	0.00, 1.00, 0.83, 0.35
HSL	350°, 100%, 32%
HSV	350°, 100%, 65%
XYZ	15.7267, 8.0832, 1.8299
YIQ	52.5270, 89.3520, 43.6880

Conversions

Conversions Part 2

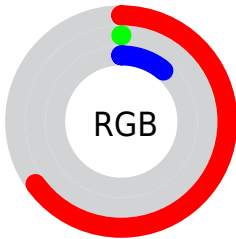
Format	Color
RYB	165, 0, 28
Decimal	10813468
CIELab	34.16, 58.31, 35.25
CIElCh	34, 68.133, 31.152
Yxy	8.0832, 0.6134, 0.3153
Android (android.graphics.Color)	4289003548 (0xFFA5001C)
YUV	52.5270, -12.0918, 98.6388
Hunter-Lab	28.4310, 48.9838, 16.0856

Details

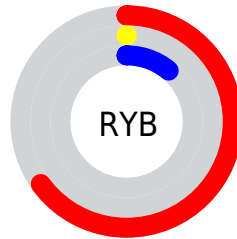
The XYZ color **15.7267, 8.0832, 1.8299** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.9727, 28.7172, 28.2726**, and the grayscale version is **3.3351, 3.5088, 3.8211**.

A 20% lighter version of the original color is **35.7490, 22.1307, 8.5184**, and **5.7089, 2.9431, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **15.7263, 8.0830, 1.8285**, and if you desaturate by 10%, it is **16.1228, 8.5507, 2.9633**.

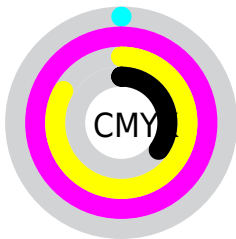
Distribution



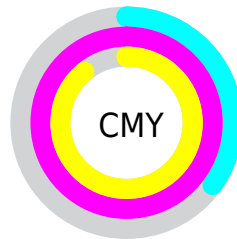
- Red (65%)
- Green (0%)
- Blue (11%)



- Red (65%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (35%)




- Cyan (35%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7267, 8.0832, 1.8299 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 15.7267, 8.0832, 1.8299 by changing the saturation by 10% instead.


 15.7267, 8.0832,
1.8299


 15.7267, 8.0832,
1.8299


221.0258,
176.3831, 119.6769

 9.4206, 4.1482,
0.4476


 35.6844, 22.1214,
8.5703


 5.0758, 1.7568,
0.0000

 50.0667, 32.9934,
14.8523


 2.3270, 0.4600,
0.0000

 67.8717, 46.9465,
23.6335

 0.8084, 0.0000,
0.0000

 89.4649, 64.3652,
35.3325

 0.0000, 0.0000,
0.0000

 115.2115, 85.6338,
50.3678

 145.4770,


111.1367, 69.1579


 180.6266,
141.2584, 92.1215


 15.7267, 8.0832,
1.8299


 15.7267, 8.0832,
1.8299

 15.7263, 8.0830,
1.8285

 16.1228, 8.5507,
2.9633

 16.7609, 9.3682,
4.5903

 17.7149, 10.6712,
6.7736

 19.0207, 12.5204,
9.5591

 20.7091, 14.9676,
12.9876

■ 22.8074, 18.0584,
17.0963

■ 25.3407, 21.8343,
21.9195

■ 28.3316, 26.3329,
27.4893

■ 31.8016, 31.5894,
33.8357

Harmonies

Analogous

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



17.4740, 8.0832, 8.3897



15.7267, 8.0832, 1.8299



11.7476, 8.0832, 0.0000

Triad

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



15.7267, 8.0832, 1.8299



2.9151, 8.0832, 2.0960



7.8298, 8.0832, 50.2867

Complementary

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



15.7267, 8.0832, 1.8299



17.9727, 28.7172, 28.2726

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.



4.6840, 8.0832, 42.4907



15.7267, 8.0832, 1.8299



2.4684, 8.0832, 9.2260

Square

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



15.7267, 8.0832, 1.8299



4.5045, 8.0832, 0.0406



2.9923, 8.0832, 24.5451



12.0864, 8.0832, 41.3074

Rectangle

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



15.7267, 8.0832, 1.8299



8.8552, 8.0832, 0.0000



2.9923, 8.0832, 24.5451



6.6188, 8.0832, 49.5129

Sweetspot

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



15.7269, 8.0837, 1.8300



45.1053, 38.6872, 38.7325



16.7440, 7.8477, 36.2294



9.4484, 7.8415, 7.6868



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.7269, 8.0837, 1.8300



28.1133, 14.4556, 3.0033



16.7571, 10.4793, 1.1403



7.1205, 7.1047, 7.6210



11.9105, 6.1203, 1.4534



0.2632, 0.1338, 0.0989

Inverse Universe

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



15.7269, 8.0837, 1.8300



28.1133, 14.4556, 3.0033



12.6700, 14.4731, 37.7230



7.1205, 7.1047, 7.6210



11.9105, 6.1203, 1.4534



0.2632, 0.1338, 0.0989

Previews

White Background



This preview shows how the XYZ color 15.7267, 8.0832, 1.8299 looks on a white background.

Color Contrast Check

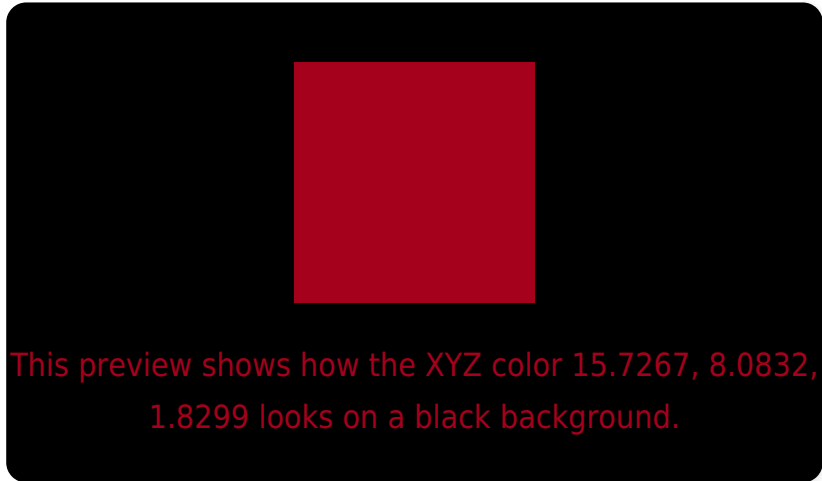
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7267, 8.0832, 1.8299

Background



This preview shows how black text looks on a background with the XYZ color 15.7267, 8.0832, 1.8299.



This preview shows how white text looks on a background with the XYZ color 15.7267, 8.0832,

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

15.7267, 8.0832, 1.8299

Protanopia

8.0576, 8.8054, 3.7576

Deuteranopia

8.6821, 8.6194, 1.5227



Tritanopia

15.4807, 8.2342, 0.7734

Trichromacy



Original Color

15.7267, 8.0832, 1.8299

Protanomaly

9.2471, 6.6146, 2.7088

Deuteranomaly

9.9942, 6.8337, 1.3226

Tritanomaly

15.4732, 8.1315, 1.0412

Monochromacy



Original Color

15.7267, 8.0832, 1.8299

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.6427, 3.7056, 2.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7267, 8.0832, 1.8299 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(165, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 28)  
}
```

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(165, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 28) }
```

Border

The CSS property to change the border of an element to XYZ 15.7267, 8.0832, 1.8299 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(165, 0, 28) }
```


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

```
.border{ border-color:rgb(165, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(165, 0, 28)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.7267, 8.0832, 1.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 28) }
```

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

```
.background{ background-color: rgb(165, 0,  
28) }
```

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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