

Converting Colors

XYZ(17.3365, 8.9358, 0.8881)

Have a look what the booklet for
XYZ(17.3365, 8.9358, 0.8881)
contains.

XYZ(17.2500, 8.8908, 0.8931)	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(17.2500, 8.8908,
0.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0003
RGB	173, 0, 3
RGB Percent	68%, 0%, 1%
CMY	0.3216, 0.9999, 0.9882
CMYK	0.00, 1.00, 0.98, 0.32
HSL	359°, 100%, 34%
HSV	359°, 100%, 68%
XYZ	17.2500, 8.8908, 0.8931
YIQ	52.0690, 102.1450, 37.6090

Conversions

Conversions Part 2

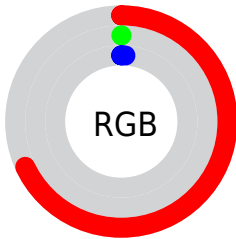
Format	Color
RYB	173, 0, 3
Decimal	11337731
CIELab	35.77, 59.93, 48.90
CIELCh	36, 77.348, 39.216
Yxy	8.8908, 0.6381, 0.3289
Android (android.graphics.Color)	4289527811 (0xFFAD0003)
YUV	52.0690, -24.1910, 106.0565
Hunter-Lab	29.8174, 51.0854, 19.0963

Details

The XYZ color **17.2500, 8.8908, 0.8931** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **22.2021, 32.7904, 43.2028**, and the grayscale version is **3.2934, 3.4650, 3.7733**.

A 20% lighter version of the original color is **38.2470, 23.6923, 5.6892**, and **6.4304, 3.3150, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **17.2497, 8.8907, 0.8923**, and if you desaturate by 10%, it is **17.5653, 9.3459, 1.5402**.

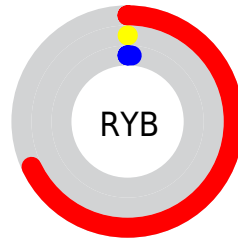
Distribution



Red (68%)

Green (0%)

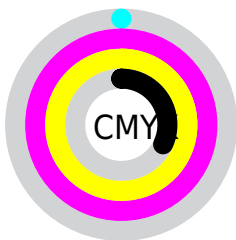
Blue (1%)



Red (68%)

Yellow (0%)

Blue (1%)

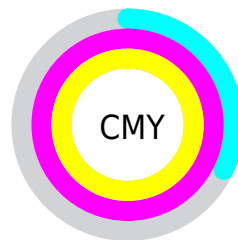


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (32%)



Cyan (32%)


Magenta (100%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2500, 8.8908, 0.8931 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 17.2500, 8.8908, 0.8931 by changing the saturation by 10% instead.


 17.2500, 8.8908,
0.8931


 17.2500, 8.8908,
0.8931


 229.7372,
182.5612, 101.7490


 10.5093, 4.6700,
0.0000


 38.2953, 23.6871,
5.7060


 5.8028, 2.0550,
0.0000

 53.3306, 35.0315,
10.6275


 2.7650, 0.6391,
0.0000

 71.8615, 49.5192,
17.7845

 1.0308, 0.0000,
0.0000


 94.2534, 67.5346,
27.5954


 0.0000, 0.0000,
0.0000

 120.8715, 89.4621,
40.4788


 152.0813,


115.6861, 56.8531


 188.2481,
146.5910, 77.1370


 17.2500, 8.8908,
0.8931


 17.2500, 8.8908,
0.8931

 17.2497, 8.8907,
0.8923

 17.5653, 9.3459,
1.5402

 18.1576, 10.1981,
2.7623

 19.1243, 11.6003,
4.7223

 20.5134, 13.6238,
7.5118

 22.3657, 16.3294,
11.2089

■ 24.7173, 19.7707,
15.8828

■ 27.6006, 23.9960,
21.5960

■ 31.0455, 29.0492,
28.4057

■ 35.0794, 34.9714,
36.3652

Harmonies

Analogous

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



20.4298, 8.8908, 6.1836



17.2500, 8.8908, 0.8931



11.9676, 8.8908, 0.0000

Triad

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



17.2500, 8.8908, 0.8931



2.6099, 8.8908, 3.2152



9.9373, 8.8908, 61.8247

Complementary

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



17.2500, 8.8908, 0.8931



22.2021, 32.7904, 43.2028

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.



5.7002, 8.8908, 57.4152



17.2500, 8.8908, 0.8931



2.4060, 8.8908, 14.2963

Square

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



17.2500, 8.8908, 0.8931



4.0234, 8.8908, 0.1224



3.3072, 8.8908, 35.8996



15.3123, 8.8908, 45.1958

Rectangle

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



17.2500, 8.8908, 0.8931



8.5712, 8.8908, 0.0000



3.3072, 8.8908, 35.8996



8.3308, 8.8908, 62.9415

Sweetspot

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



17.2502, 8.8914, 0.8932



49.1271, 42.5291, 38.0743



23.5288, 11.2587, 40.4678



10.1987, 8.5423, 7.3284



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.2502, 8.8914, 0.8932



30.8857, 15.9197, 1.5557



20.1574, 14.7318, 1.7820



8.0106, 8.0175, 8.3667



12.6748, 6.5325, 0.6671



0.3544, 0.1824, 0.0279

Inverse Universe

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



17.2502, 8.8914, 0.8932



30.8857, 15.9197, 1.5557



11.3946, 10.7202, 41.0034



8.0106, 8.0175, 8.3667



12.6748, 6.5325, 0.6671



0.3544, 0.1824, 0.0279

Previews

White Background



This preview shows how the XYZ color 17.2500, 8.8908, 0.8931 looks on a white background.

Color Contrast Check

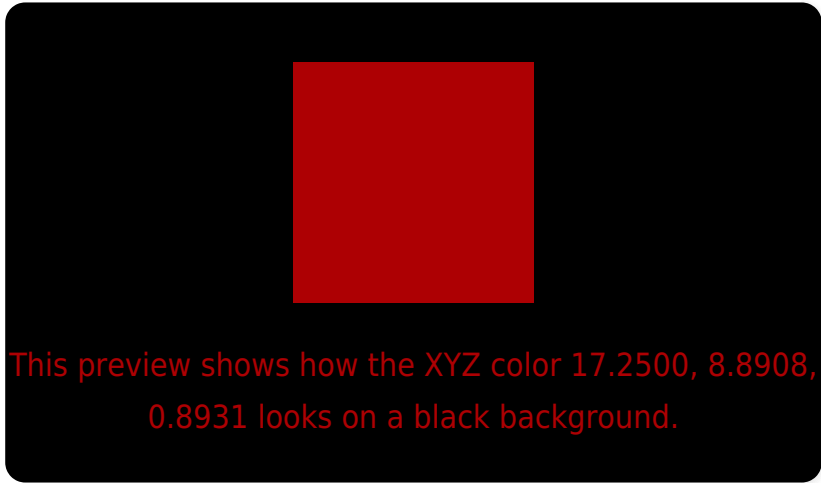
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2500, 8.8908, 0.8931

Background



This preview shows how black text looks on a background with the XYZ color 17.2500, 8.8908, 0.8931.



This preview shows how white text looks on a background with the XYZ color 17.2500, 8.8908,

0.8931.

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

17.2500, 8.8908, 0.8931

Protanopia

8.5999, 9.4749, 2.1862

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

17.1985, 9.1412, 0.8580

Trichromacy



Original Color

17.2500, 8.8908, 0.8931

Protanomaly

9.9172, 7.1298, 1.3437

Deuteranomaly

10.9514, 7.5349, 0.9059

Tritanomaly

17.1273, 8.9899, 0.8612

Monochromacy



Original Color

17.2500, 8.8908, 0.8931

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.6565, 3.6900, 1.9275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2500, 8.8908, 0.8931 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(173, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 3)  
}
```

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(173, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 3) }
```

Border

The CSS property to change the border of an element to XYZ 17.2500, 8.8908, 0.8931 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(173, 0, 3) }
```


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

```
.border{ border-color:rgb(173, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(173, 0, 3); box-shadow:4px  
4px 4px 4px rgb(173, 0, 3) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2500, 8.8908, 0.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 3) }
```

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

```
.background{ background-color: rgb(173, 0,  
3) }
```

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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