

Converting Colors

XYZ(17.3757, 9.0369, 0.8285)

Have a look what the booklet for
XYZ(17.3757, 9.0369, 0.8285)
contains.

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Color

**XYZ(17.2879, 8.9928,
0.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0500
RGB	173, 5, 0
RGB Percent	68%, 2%, 0%
CMY	0.3216, 0.9803, 1.0000
CMYK	0.00, 0.97, 1.00, 0.32
HSL	2°, 100%, 34%
HSV	2°, 100%, 68%
XYZ	17.2879, 8.9928, 0.8246
YIQ	54.6620, 101.7330, 34.0610

Conversions

Conversions Part 2

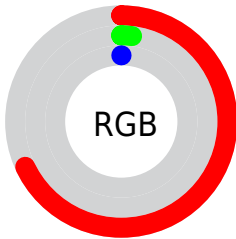
Format	Color
RYB	173, 5, 0
Decimal	11339008
CIELab	35.97, 59.28, 50.22
CIElCh	36, 77.698, 40.270
Yxy	8.9928, 0.6378, 0.3318
Android (android.graphics.Color)	4289529088 (0xFFAD0500)
YUV	54.6620, -26.9484, 103.7824
Hunter-Lab	29.9880, 50.4252, 19.3613

Details

The XYZ color **17.2879, 8.9928, 0.8246** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21.5399, 31.0113, 44.3855**, and the grayscale version is **3.6146, 3.8029, 4.1413**.

A 20% lighter version of the original color is **38.2754, 23.8182, 5.4858**, and **6.4304, 3.3150, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **17.2881, 8.9934, 0.8247**, and if you desaturate by 10%, it is **17.6206, 9.4928, 1.4463**.

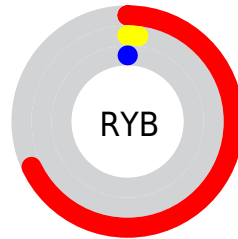
Distribution



Red (68%)

Green (2%)

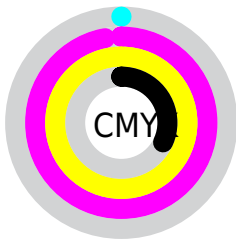
Blue (0%)



Red (68%)

Yellow (2%)

Blue (0%)

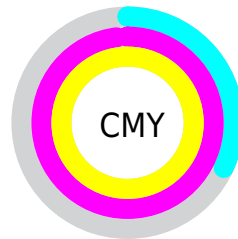


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2879, 8.9928, 0.8246 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 17.2879, 8.9928, 0.8246 by changing the saturation by 10% instead.


 17.2879, 8.9928,
0.8246


 17.2879, 8.9928,
0.8246


 229.9501,
183.3242, 100.2272


 10.5365, 4.7365,
0.0000


 38.3598, 23.8830,
5.4848


 5.8211, 2.0935,
0.0000

 53.4110, 35.2856,
10.2919


 2.7762, 0.6610,
0.0000

 71.9596, 49.8392,
17.3106

 1.0366, 0.0000,
0.0000

 94.3709, 67.9280,
26.9595


 0.0000, 0.0000,
0.0000


 121.0102, 89.9365,
39.6570


 152.2430,


116.2491, 55.8218


 188.4345,
147.2502, 75.8723


 17.2879, 8.9928,
0.8246


 17.2879, 8.9928,
0.8246

 17.2881, 8.9934,
0.8247

 17.6206, 9.4928,
1.4463

 18.2442, 10.4296,
2.6107

 19.2373, 11.9038,
4.5208

 20.6454, 13.9793,
7.2730

 22.5070, 16.7114,
10.9495

■ 24.8567, 20.1489,
15.6225

■ 27.7253, 24.3362,
21.3574

■ 31.1414, 29.3138,
28.2136

■ 35.1314, 35.1194,
36.2465

Harmonies

Analogous

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



20.6255, 8.9928, 5.9162



17.2879, 8.9928, 0.8246



11.9151, 8.9928, 0.0000

Triad

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



17.2879, 8.9928, 0.8246



2.6114, 8.9928, 3.4643



10.2332, 8.9928, 62.3223

Complementary

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



17.2879, 8.9928, 0.8246



21.5399, 31.0113, 44.3855

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.



5.8828, 8.9928, 58.6624



17.2879, 8.9928, 0.8246



2.4429, 8.9928, 15.0712

Square

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



17.2879, 8.9928, 0.8246



3.9910, 8.9928, 0.1911



3.3988, 8.9928, 37.2090



15.6816, 8.9928, 44.9211

Rectangle

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



17.2879, 8.9928, 0.8246



8.5055, 8.9928, 0.0000



3.3988, 8.9928, 37.2090



8.5894, 8.9928, 63.7335

Sweetspot

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



17.2881, 8.9934, 0.8247



49.3618, 43.1574, 37.6627



24.5002, 11.7909, 39.0725



10.2524, 8.6860, 7.2343



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.



17.2881, 8.9934, 0.8247



30.9354, 16.0529, 1.4680



20.8378, 16.0929, 2.0080



8.0232, 8.0513, 8.3445



12.7081, 6.6218, 0.6083



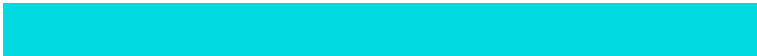
0.3594, 0.1961, 0.0189

Inverse Universe

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



21.5399, 31.0113, 44.3855



38.5481, 55.4821, 79.4832



10.6834, 9.2984, 40.7667



8.2161, 9.0315, 10.2629



15.8319, 22.7977, 32.6105



0.4465, 0.6463, 0.9092

Previews

White Background



This preview shows how the XYZ color 17.2879, 8.9928, 0.8246 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

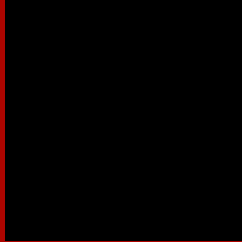
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2879, 8.9928, 0.8246

Background



This preview shows how black text looks on a background with the XYZ color 17.2879, 8.9928, 0.8246.



This preview shows how white text looks on a background with the XYZ color 17.2879, 8.9928,

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

17.2879, 8.9928, 0.8246

Protanopia

8.6715, 9.6340, 2.1616

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

17.1985, 9.1412, 0.8580

Trichromacy



Original Color

17.2879, 8.9928, 0.8246

Protanomaly

10.0498, 7.4178, 1.3176

Deuteranomaly

11.0391, 7.7189, 0.9081

Tritanomaly

17.1447, 9.0336, 0.8400

Monochromacy



Original Color

17.2879, 8.9928, 0.8246

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

6.0019, 4.0412, 2.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2879, 8.9928, 0.8246 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, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 5, 0)  
}
```

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, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 5, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.2879, 8.9928, 0.8246 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, 5, 0) }
```


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

```
.border{ border-color:rgb(173, 5, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(173, 5, 0); box-shadow:4px  
4px 4px 4px rgb(173, 5, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2879, 8.9928, 0.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 5, 0) }
```

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

```
.background{ background-color: rgb(173, 5,  
0) }
```

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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