

Converting Colors

XYZ(17.4799, 8.8026, 10.2460)

Have a look what the booklet for
XYZ(17.4799, 8.8026, 10.2460)
contains.

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Color

**XYZ(17.5291, 8.8283,
10.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	A60059
RGB	166, 0, 89
RGB Percent	65%, 0%, 35%
CMY	0.3490, 0.9999, 0.6510
CMYK	0.00, 1.00, 0.46, 0.35
HSL	328°, 100%, 33%
HSV	328°, 100%, 65%
XYZ	17.5291, 8.8283, 10.2313
YIQ	59.7800, 70.3670, 62.8710

Conversions

Conversions Part 2

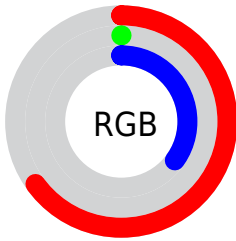
Format	Color
RYB	166, 0, 89
Decimal	10879065
CIELab	35.65, 61.97, -1.87
CIELCh	36, 61.998, 358.270
Yxy	8.8283, 0.4791, 0.2413
Android (android.graphics.Color)	4289069145 (0xFFA60059)
YUV	59.7800, 14.4055, 93.1549
Hunter-Lab	29.7125, 53.3107, 0.3826

Details

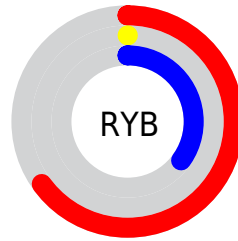
The XYZ color **17.5291, 8.8283, 10.2313** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **14.9770, 27.8088, 11.6042**, and the grayscale version is **4.2402, 4.4610, 4.8580**.

A 20% lighter version of the original color is **38.8202, 23.6248, 26.9401**, and **6.6390, 3.3700, 2.6834** is the 20% darker color. If you saturate the color by 10%, you get **17.5286, 8.8281, 10.2287**, and if you desaturate by 10%, it is **18.0643, 9.3539, 12.0897**.

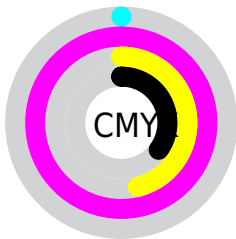
Distribution



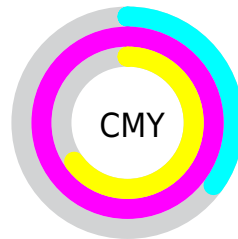
- Red (65%)
- Green (0%)
- Blue (35%)



- Red (65%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5291, 8.8283, 10.2313 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 17.5291, 8.8283, 10.2313 by changing the saturation by 10% instead.


 17.5291, 8.8283,
10.2313


 17.5291, 8.8283,
10.2313


231.3005,
182.0918, 202.8594


 10.7101, 4.6294,
5.4450


 38.7697, 23.5670,
26.8442


 5.9381, 2.0315,
2.4474


 53.9219, 34.8755,
39.5079


 2.8478, 0.6257,
0.8121

 72.5827, 49.3226,
55.6345

 1.0738, 0.0000,
0.0000

 95.1172, 67.2928,
75.6425

 0.0030, 0.0000,
0.0000

 121.8909, 89.1704,
99.9505

 0.0000, 0.0000,
0.0000

 153.2691,

115.3399, 128.9769

189.6172,
146.1855, 163.1404

■ 17.5291, 8.8283,
10.2313

■ 17.5291, 8.8283,
10.2313

■ 17.5286, 8.8281,
10.2287

■ 18.0643, 9.3539,
12.0897

■ 18.7952, 10.2150,
14.1852

■ 19.7895, 11.5455,
16.5450

■ 21.0774, 13.4047,
19.1837

■ 22.6849, 15.8430,
22.1144

■ 24.6350, 18.9048,
25.3488

■ 26.9483, 22.6303,
28.8980

■ 29.6438, 27.0561,
32.7721

■ 32.7392, 32.2162,
36.9810

Harmonies

Analogous

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



15.8770, 8.8283, 24.5082



17.5291, 8.8283, 10.2313



16.2029, 8.8283, 2.8945

Triad

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



17.5291, 8.8283, 10.2313



5.4895, 8.8283, 0.4800



5.2180, 8.8283, 38.7946

Complementary

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



17.5291, 8.8283, 10.2313



14.9770, 27.8088, 11.6042

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.



3.6076, 8.8283, 22.6012



17.5291, 8.8283, 10.2313



3.7294, 8.8283, 2.4482

Square

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



17.5291, 8.8283, 10.2313



8.6044, 8.8283, 0.0000



3.1536, 8.8283, 9.0192



8.1812, 8.8283, 46.8823

Rectangle

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



17.5291, 8.8283, 10.2313



13.9753, 8.8283, 1.0660



3.1536, 8.8283, 9.0192



4.5365, 8.8283, 33.7276

Sweetspot

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



17.5293, 8.8288, 10.2314



48.6497, 40.6508, 52.0623



9.7626, 4.2381, 36.3799



10.4910, 8.4561, 11.0532



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.



17.5293, 8.8288, 10.2314



31.7047, 15.9789, 17.9954



15.7718, 8.1258, 0.9762



7.6929, 7.6070, 8.7000



13.6163, 6.8553, 8.0572



0.3567, 0.1770, 0.3300

Inverse Universe

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



17.5293, 8.8288, 10.2314



31.7047, 15.9789, 17.9954



19.7824, 29.7310, 36.9091



7.6929, 7.6070, 8.7000



13.6163, 6.8553, 8.0572



0.3567, 0.1770, 0.3300

Previews

White Background



This preview shows how the XYZ color 17.5291, 8.8283, 10.2313 looks on a white background.

Color Contrast Check

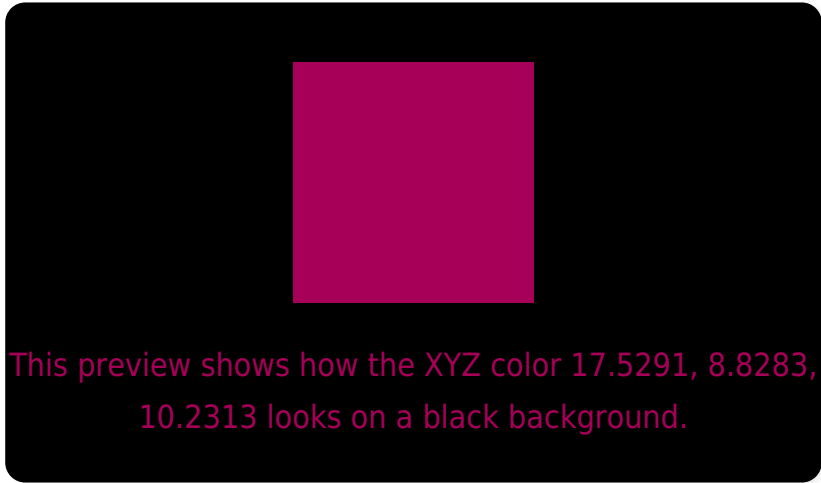
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5291, 8.8283, 10.2313

Background



This preview shows how black text looks on a background with the XYZ color 17.5291, 8.8283, 10.2313.



This preview shows how white text looks on a background with the XYZ color 17.5291, 8.8283,

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

17.5291, 8.8283, 10.2313

Protanopia

9.8173, 9.4332, 21.7254

Deuteranopia

9.6231, 9.4912, 9.3074



Tritanopia

16.0237, 9.1160, 2.5841

Trichromacy



Original Color

17.5291, 8.8283, 10.2313

Protanomaly

10.3003, 6.9174, 16.7119

Deuteranomaly

10.9388, 7.3397, 9.4345

Tritanomaly

16.2863, 8.7422, 4.4435

Monochromacy



Original Color

17.5291, 8.8283, 10.2313

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.9760, 4.4938, 6.4609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5291, 8.8283, 10.2313 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, 0, 89)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 89)  
}
```

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, 0, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 89) }
```

Border

The CSS property to change the border of an element to XYZ 17.5291, 8.8283, 10.2313 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, 0, 89) }
```


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

```
.border{ border-color:rgb(166, 0, 89) }
```

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

Here you see how a box with a 4 pixel rgb(166, 0, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 89);  
box-shadow:4px 4px 4px 4px rgb(166, 0, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.5291, 8.8283, 10.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 89) }
```

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

```
.background{ background-color: rgb(166, 0,  
89) }
```

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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