

Converting Colors

XYZ(17.2953, 8.2759, 29.7305)

Have a look what the booklet for
XYZ(17.2953, 8.2759, 29.7305)
contains.

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Color

**XYZ(17.1821, 8.2218,
29.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	910096
RGB	145, 0, 150
RGB Percent	57%, 0%, 59%
CMY	0.4314, 0.9999, 0.4118
CMYK	0.03, 1.00, 0.00, 0.41
HSL	298°, 100%, 29%
HSV	298°, 100%, 59%
XYZ	17.1821, 8.2218, 29.5355
YIQ	60.4550, 38.2700, 77.3900

Conversions

Conversions Part 2

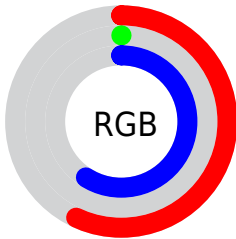
Format	Color
RYB	145, 0, 150
Decimal	9502870
CIELab	34.44, 65.30, -42.50
CIELCh	34, 77.912, 326.942
Yxy	8.2218, 0.3127, 0.1497
Android (android.graphics.Color)	4287692950 (0xFF910096)
YUV	60.4550, 44.1457, 74.1460
Hunter-Lab	28.6737, 56.7834, -41.0004

Details

The XYZ color **17.1821, 8.2218, 29.5355** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.9692, 21.8451, 3.6388**, and the grayscale version is **4.2962, 4.5199, 4.9222**.

A 20% lighter version of the original color is **38.3019, 22.4120, 60.0648**, and **6.3244, 3.0057, 11.8021** is the 20% darker color. If you saturate the color by 10%, you get **17.1822, 8.2218, 29.5356**, and if you desaturate by 10%, it is **17.4416, 8.6094, 29.5968**.

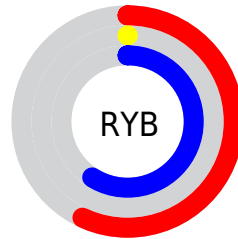
Distribution



Red (57%)

Green (0%)

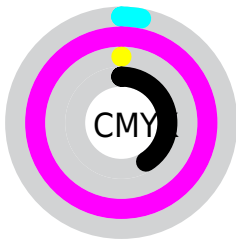
Blue (59%)



Red (57%)

Yellow (0%)

Blue (59%)

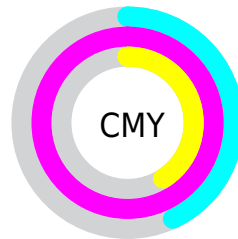


Cyan (3%)

Magenta (100%)

Yellow (0%)

Black (41%)



Cyan (43%)

Magenta (100%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1821, 8.2218, 29.5355 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 17.1821, 8.2218, 29.5355 by changing the saturation by 10% instead.

■ 17.1821, 8.2218,
29.5355

■ 17.1821, 8.2218,
29.5355

229.3554,
177.4615, 313.8729

■ 10.4605, 4.2372,
19.2372

■ 38.1797, 22.3921,
59.9791

■ 5.7699, 1.8071,
11.6633

■ 53.1865, 33.3466,
80.9615

■ 2.7450, 0.4916,
6.3951

■ 71.6856, 47.3932,
106.3424

■ 1.0204, 0.0000,
3.0141

■ 94.0426, 64.9163,
136.5404

■ 0.0000, 0.0000,
1.1019

■ 120.6227, 86.3003,
171.9738

■ 0.0000, 0.0000,
0.0000

■ 151.7913,

111.9296, 213.0614

187.9138,
142.1885, 260.2216

17.1821, 8.2218,
29.5355

17.1821, 8.2218,
29.5355

17.1822, 8.2218,
29.5356

17.4416, 8.6094,
29.5968

17.8239, 9.2424,
29.6988

18.3873, 10.2369,
29.8610

19.1545, 11.6384,
30.0911

20.1448, 13.4856,
30.3955

■ 21.3753, 15.8128,
30.7798

■ 22.8616, 18.6508,
31.2493

■ 24.6178, 22.0281,
31.8086

■ 26.6570, 25.9708,
32.4621

Harmonies

Analogous

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



12.2724, 8.2218, 52.0913



17.1821, 8.2218, 29.5355



19.5638, 8.2218, 10.2981

Triad

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



17.1821, 8.2218, 29.5355



8.2714, 8.2218, 0.0000



2.4630, 8.2218, 24.8770

Complementary

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



17.1821, 8.2218, 29.5355



10.9692, 21.8451, 3.6388

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.



2.0693, 8.2218, 7.7289



17.1821, 8.2218, 29.5355



4.5927, 8.2218, 0.0000

Square

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



17.1821, 8.2218, 29.5355



13.3515, 8.2218, 0.0000



2.6765, 8.2218, 1.1966



4.0693, 8.2218, 48.0479

Rectangle

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



17.1821, 8.2218, 29.5355



18.9208, 8.2218, 3.6121



2.6765, 8.2218, 1.1966



2.2182, 8.2218, 17.9528

Sweetspot

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



17.1824, 8.2222, 29.5357



40.1748, 32.5872, 55.0938



5.5596, 2.3110, 29.0073



8.6728, 6.7808, 12.1365



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1824, 8.2222, 29.5357



30.2921, 14.4939, 52.1223



14.0261, 7.0637, 8.2149



6.0164, 5.8994, 7.2913



14.2561, 6.8218, 24.4964



0.1793, 0.0860, 0.3000

Inverse Universe

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



12.6053, 6.4953, 0.7333



22.2322, 11.4570, 1.2251



12.0123, 22.2551, 9.4582



5.8082, 5.8183, 6.0959



10.4568, 5.3878, 0.6206



0.1295, 0.0666, 0.0158

Previews

White Background



This preview shows how the XYZ color 17.1821, 8.2218, 29.5355 looks on a white background.

Color Contrast Check

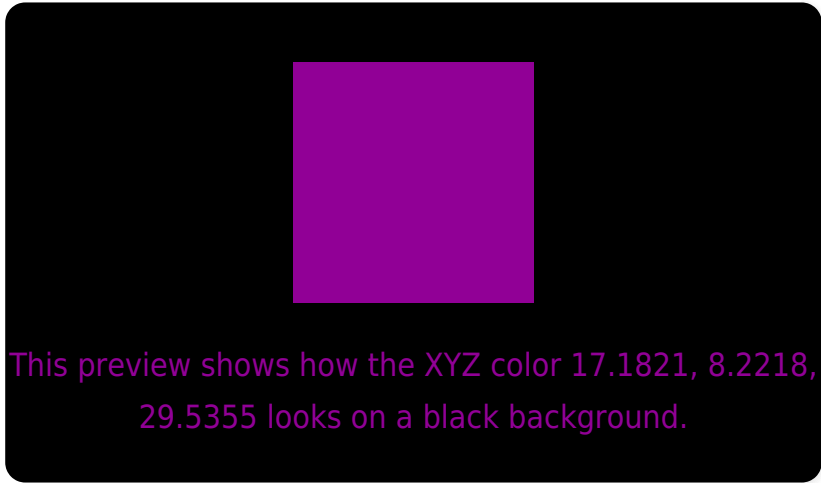
Large Text (above 18pt) WCAG AA ✓ Pass

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

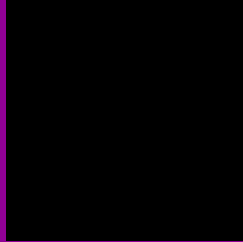
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1821, 8.2218, 29.5355

Background



This preview shows how black text looks on a background with the XYZ color 17.1821, 8.2218, 29.5355.



This preview shows how white text looks on a background with the XYZ color 17.1821, 8.2218,

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

17.1821, 8.2218, 29.5355

Protanopia

10.2931, 8.8251, 39.6890

Deuteranopia

9.0949, 8.9556, 26.4485



Tritanopia

12.4528, 8.6377, 5.7135

Trichromacy



Original Color

17.1821, 8.2218, 29.5355



Protanomaly

9.3070, 5.8572, 35.2904



Deuteranomaly

9.7465, 6.4013, 27.1074



Tritanomaly

13.4061, 7.7014, 11.6064

Monochromacy



Original Color

17.1821, 8.2218, 29.5355



Achromatopsia

4.2949, 4.5186, 4.9208



Achromatomaly

6.9833, 4.4007, 10.8373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1821, 8.2218, 29.5355 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(145, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 150)  
}
```

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(145, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 150) }
```

Border

The CSS property to change the border of an element to XYZ 17.1821, 8.2218, 29.5355 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(145, 0, 150) }
```


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

```
.border{ border-color:rgb(145, 0, 150) }
```

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

Here you see how a box with a 4 pixel rgb(145, 0, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1821, 8.2218, 29.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 150) }
```

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

```
.background{ background-color: rgb(145, 0,  
150) }
```

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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