

Converting Colors

XYZ(17.4235, 8.2164, 35.4120)

Have a look what the booklet for
XYZ(17.4235, 8.2164, 35.4120)
contains.

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Color

**XYZ(17.4261, 8.2198,
35.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	8C00A3
RGB	140, 0, 163
RGB Percent	55%, 0%, 64%
CMY	0.4510, 1.0000, 0.3608
CMYK	0.14, 1.00, 0.00, 0.36
HSL	292°, 100%, 32%
HSV	292°, 100%, 64%
XYZ	17.4261, 8.2198, 35.3185
YIQ	60.4420, 31.1170, 80.3730

Conversions

Conversions Part 2

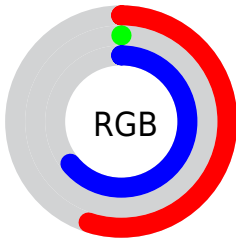
Format	Color
R_{YB}	140, 0, 163
Decimal	9175203
CIE _{Lab}	34.44, 66.65, -50.46
CIE _{LCh}	34, 83.595, 322.871
Yxy	8.2198, 0.2858, 0.1348
Android (android.graphics.Color)	4287365283 (0xFF8C00A3)
YUV	60.4420, 50.5611, 69.7724
Hunter-Lab	28.6702, 58.3217, -52.9696

Details

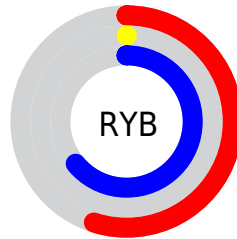
The XYZ color **17.4261, 8.2198, 35.3185** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **13.4508, 26.3768, 4.3826**, and the grayscale version is **4.2860, 4.5092, 4.9105**.

A 20% lighter version of the original color is **38.7288, 22.4280, 69.3056**, and **6.4706, 3.0106, 14.9919** is the 20% darker color. If you saturate the color by 10%, you get **17.4262, 8.2198, 35.3186**, and if you desaturate by 10%, it is **18.0080, 8.8017, 35.4003**.

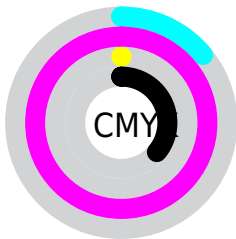
Distribution



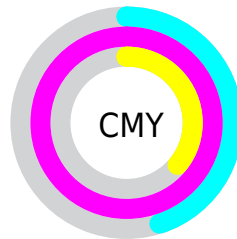
- Red (55%)
- Green (0%)
- Blue (64%)



- Red (55%)
- Yellow (0%)
- Blue (64%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4261, 8.2198, 35.3185 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 17.4261, 8.2198, 35.3185 by changing the saturation by 10% instead.

■ 17.4261, 8.2198,
35.3185

■ 17.4261, 8.2198,
35.3185

230.7247,
177.4460, 340.9188

■ 10.6359, 4.2359,
23.6228

■ 38.5947, 22.3882,
69.1360

■ 5.8881, 1.8064,
14.8444

■ 53.7039, 33.3415,
92.0950

■ 2.8172, 0.4911,
8.5649

■ 72.3169, 47.3868,
119.6454

■ 1.0578, 0.0000,
4.3656

■ 94.7989, 64.9084,
152.2058

■ 0.0000, 0.0000,
1.8280

■ 121.5153, 86.2907,
190.1949

■ 0.0000, 0.0000,
0.4463

■ 152.8315,

■ 0.0000, 0.0000,

111.9182, 234.0310

0.0000

189.1129,
142.1751, 284.1328

17.4261, 8.2198,
35.3185

17.4261, 8.2198,
35.3185

17.4262, 8.2198,
35.3186

18.0080, 8.8017,
35.4003

18.7509, 9.6941,
35.5334

19.7204, 11.0273,
35.7396

20.9445, 12.8575,
36.0284

22.4471, 15.2326,
36.4076

■ 24.2494, 18.1946,
36.8843

■ 26.3705, 21.7817,
37.4649

■ 28.8278, 26.0286,
38.1551

■ 31.6373, 30.9676,
38.9604

Harmonies

Analogous

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



11.8650, 8.2198, 60.0151



17.4261, 8.2198, 35.3185



20.6015, 8.2198, 12.5505

Triad

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



17.4261, 8.2198, 35.3185



8.9854, 8.2198, 0.0000



2.1033, 8.2198, 23.1965

Complementary

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



17.4261, 8.2198, 35.3185



13.4508, 26.3768, 4.3826

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.



1.8480, 8.2198, 6.1137



17.4261, 8.2198, 35.3185



4.8073, 8.2198, 0.0000

Square

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



17.4261, 8.2198, 35.3185



14.6130, 8.2198, 0.0000



2.6050, 8.2198, 0.6233



3.5376, 8.2198, 49.3300

Rectangle

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



17.4261, 8.2198, 35.3185



20.3038, 8.2198, 4.3437



2.6050, 8.2198, 0.6233



1.9087, 8.2198, 16.0187

Sweetspot

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



17.4265, 8.2201, 35.3187



46.9982, 38.6174, 67.0329



6.9472, 3.3167, 34.9245



10.2003, 8.0689, 14.9574



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.



17.4265, 8.2201, 35.3187



31.0803, 14.6548, 63.2467



17.7035, 8.8264, 14.3935



7.2656, 7.1513, 8.9005



13.5721, 6.4031, 27.4504



0.3104, 0.1475, 0.5780

Inverse Universe

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



15.2592, 7.8487, 1.5217



27.2832, 14.0381, 2.4909



13.8373, 26.4905, 8.2621



7.1126, 7.1015, 7.5794



11.8697, 6.1039, 1.2384



0.2605, 0.1327, 0.0842

Previews

White Background



This preview shows how the XYZ color 17.4261, 8.2198, 35.3185 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

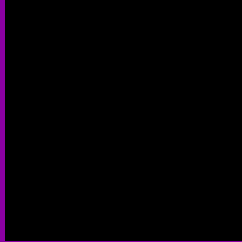
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4261, 8.2198, 35.3185

Background



This preview shows how black text looks on a background with the XYZ color 17.4261, 8.2198, 35.3185.



This preview shows how white text looks on a background with the XYZ color 17.4261, 8.2198,

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

17.4261, 8.2198, 35.3185

Protanopia

10.2931, 8.8251, 39.6890

Deuteranopia

8.8344, 8.7314, 30.4979



Tritanopia

11.7789, 8.6733, 6.5221

Trichromacy



Original Color

17.4261, 8.2198, 35.3185

Protanomaly

9.6611, 5.9869, 37.6922

Deuteranomaly

8.6008, 5.7087, 31.6589

Tritanomaly

12.7568, 7.4707, 13.6016

Monochromacy



Original Color

17.4261, 8.2198, 35.3185

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.9706, 4.3731, 11.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4261, 8.2198, 35.3185 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(140, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 163)  
}
```

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(140, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 163) }
```

Border

The CSS property to change the border of an element to XYZ 17.4261, 8.2198, 35.3185 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(140, 0, 163) }
```


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

```
.border{ border-color:rgb(140, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(140, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 0,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4261, 8.2198, 35.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 163) }
```

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

```
.background{ background-color: rgb(140, 0,  
163) }
```

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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