

Converting Colors

XYZ(15.8253, 7.5417, 28.5971)

Have a look what the booklet for
XYZ(15.8253, 7.5417, 28.5971)
contains.

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Color

**XYZ(15.8265, 7.5414,
28.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0094
RGB	138, 0, 148
RGB Percent	54%, 0%, 58%
CMY	0.4588, 1.0000, 0.4196
CMYK	0.07, 1.00, 0.00, 0.42
HSL	296°, 100%, 29%
HSV	296°, 100%, 58%
XYZ	15.8265, 7.5414, 28.6385
YIQ	58.1340, 34.7400, 75.2840

Conversions

Conversions Part 2

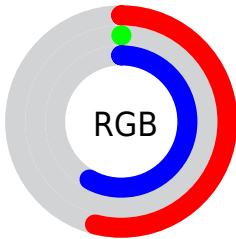
Format	Color
R_{YB}	138, 0, 148
Decimal	9044116
CIE _{Lab}	33.01, 63.83, -43.64
CIE _{LCh}	33, 77.325, 325.637
Y _{xy}	7.5414, 0.3043, 0.1450
Android (android.graphics.Color)	4287234196 (0xFF8A0094)
YUV	58.1340, 44.3039, 70.0425
Hunter-Lab	27.4616, 54.8142, -42.6078

Details

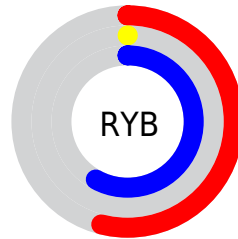
The XYZ color **15.8265, 7.5414, 28.6385** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.7153, 21.2446, 3.5362**, and the grayscale version is **3.9799, 4.1872, 4.5598**.

A 20% lighter version of the original color is **35.8696, 21.0828, 58.6788**, and **5.6786, 2.6835, 11.2850** is the 20% darker color. If you saturate the color by 10%, you get **15.8266, 7.5414, 28.6386**, and if you desaturate by 10%, it is **16.1611, 7.9635, 28.7025**.

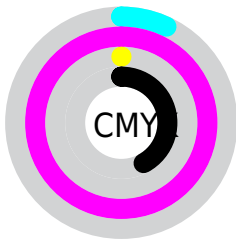
Distribution



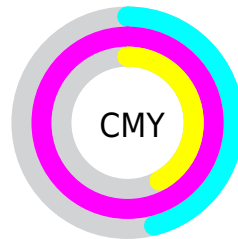
- Red (54%)
- Green (0%)
- Blue (58%)



- Red (54%)
- Yellow (0%)
- Blue (58%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8265, 7.5414, 28.6385 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 15.8265, 7.5414, 28.6385 by changing the saturation by 10% instead.

■ 15.8265, 7.5414,
28.6385

■ 15.8265, 7.5414,
28.6385

■ 221.6063,
172.0894, 309.5128

■ 9.4915, 3.8029,
18.5643

■ 35.8566, 21.0544,
58.5376

■ 5.1228, 1.5639,
11.1823

■ 50.2825, 31.5976,
79.1995

■ 2.3550, 0.3331,
6.0739

■ 68.1360, 45.1780,
104.2277

■ 0.8226, 0.0000,
2.8205

■ 89.7826, 62.1798,
134.0409

■ 0.0000, 0.0000,
1.0037

■ 115.5876, 82.9874,
169.0574

■ 0.0000, 0.0000,
0.0000

■ 145.9163,

107.9853, 209.6959

181.1341,
137.5579, 256.3748

15.8265, 7.5414,
28.6385

15.8265, 7.5414,
28.6385

15.8266, 7.5414,
28.6386

16.1611, 7.9635,
28.7025

16.6152, 8.6227,
28.8057

17.2461, 9.6331,
28.9675

18.0757, 11.0388,
29.1951

19.1228, 12.8770,
29.4948

■ 20.4039, 15.1810,
29.8720

■ 21.9339, 17.9807,
30.3317

■ 23.7267, 21.3034,
30.8786

■ 25.7948, 25.1745,
31.5168

Harmonies

Analogous

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



11.1414, 7.5414, 49.9127



15.8265, 7.5414, 28.6385



18.2294, 7.5414, 10.0482

Triad

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



15.8265, 7.5414, 28.6385



7.7835, 7.5414, 0.0000



2.1558, 7.5414, 22.3365

Complementary

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



15.8265, 7.5414, 28.6385



10.7153, 21.2446, 3.5362

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.



1.8355, 7.5414, 6.6131



15.8265, 7.5414, 28.6385



4.2731, 7.5414, 0.0000

Square

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



15.8265, 7.5414, 28.6385



12.5917, 7.5414, 0.0000



2.4359, 7.5414, 0.9276



3.5798, 7.5414, 44.4164

Rectangle

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



15.8265, 7.5414, 28.6385



17.7336, 7.5414, 3.5106



2.4359, 7.5414, 0.9276



1.9459, 7.5414, 15.9097

Sweetspot

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



15.8268, 7.5417, 28.6387



38.5243, 31.4002, 53.4650



5.4812, 2.4096, 28.1933



8.5485, 6.7167, 12.1307



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.



15.8268, 7.5417, 28.6387



27.8668, 13.2764, 50.5284



13.9063, 6.9735, 9.4889



5.9970, 5.8895, 7.2904



13.5275, 6.4462, 24.4623



0.1749, 0.0837, 0.2998

Inverse Universe

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



12.2678, 6.3181, 0.8604



21.6209, 11.1377, 1.3884



11.4507, 21.5242, 8.0617



5.8158, 5.8214, 6.1359



10.4826, 5.3981, 0.7566



0.1315, 0.0673, 0.0259

Previews

White Background



This preview shows how the XYZ color 15.8265, 7.5414, 28.6385 looks on a white background.

Color Contrast Check

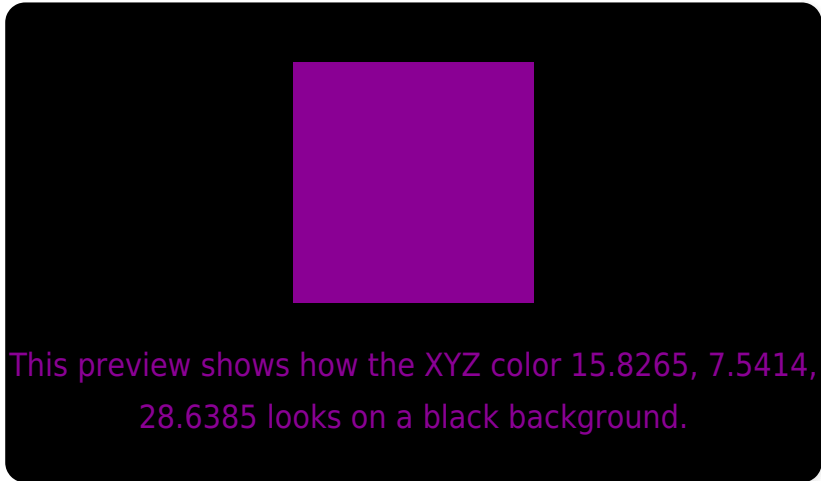
Large Text (above 18pt) WCAG AA ✓ Pass

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

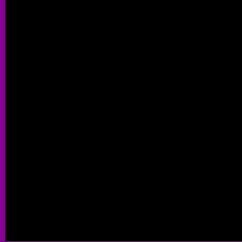
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8265, 7.5414, 28.6385

Background



This preview shows how black text looks on a background with the XYZ color 15.8265, 7.5414, 28.6385.



This preview shows how white text looks on a background with the XYZ color 15.8265, 7.5414,

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

15.8265, 7.5414, 28.6385

Protanopia

9.4252, 8.1291, 36.1943

Deuteranopia

8.3706, 8.2560, 25.5785



Tritanopia

11.2846, 7.9631, 5.4997

Trichromacy



Original Color

15.8265, 7.5414, 28.6385

Protanomaly

8.6275, 5.4279, 32.9407

Deuteranomaly

8.7830, 5.7867, 26.2452

Tritanomaly

12.1531, 7.0190, 11.0702

Monochromacy



Original Color

15.8265, 7.5414, 28.6385

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.4804, 4.1047, 10.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8265, 7.5414, 28.6385 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(138, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 148)  
}
```

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(138, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 15.8265, 7.5414, 28.6385 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(138, 0, 148) }
```


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

```
.border{ border-color:rgb(138, 0, 148) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8265, 7.5414, 28.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 148) }
```

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

```
.background{ background-color: rgb(138, 0,  
148) }
```

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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