

Converting Colors

XYZ(15.9218, 7.5914, 28.6016)

Have a look what the booklet for
XYZ(15.9218, 7.5914, 28.6016)
contains.

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Color

**XYZ(15.9928, 7.6271,
28.6462)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0094
RGB	139, 0, 148
RGB Percent	55%, 0%, 58%
CMY	0.4549, 1.0000, 0.4196
CMYK	0.06, 1.00, 0.00, 0.42
HSL	296°, 100%, 29%
HSV	296°, 100%, 58%
XYZ	15.9928, 7.6271, 28.6462
YIQ	58.4330, 35.3360, 75.4960

Conversions

Conversions Part 2

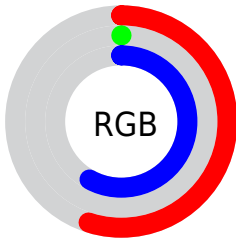
Format	Color
R_{YB}	139, 0, 148
Decimal	9109652
CIE _{Lab}	33.19, 63.99, -43.34
CIE _{LCh}	33, 77.287, 325.894
Yxy	7.6271, 0.3060, 0.1459
Android (android.graphics.Color)	4287299732 (0xFF8B0094)
YUV	58.4330, 44.1565, 70.6573
Hunter-Lab	27.6172, 55.0372, -42.1671

Details

The XYZ color **15.9928, 7.6271, 28.6462** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.7028, 21.2380, 3.5355**, and the grayscale version is **4.0199, 4.2292, 4.6056**.

A 20% lighter version of the original color is **36.1289, 21.2164, 58.6909**, and **5.7675, 2.7293, 11.2892** is the 20% darker color. If you saturate the color by 10%, you get **15.9929, 7.6272, 28.6463**, and if you desaturate by 10%, it is **16.3121, 8.0413, 28.7094**.

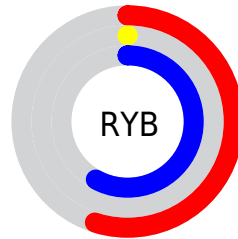
Distribution



Red (55%)

Green (0%)

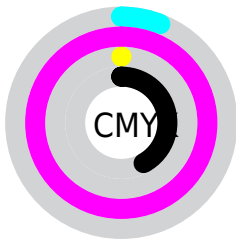
Blue (58%)



Red (55%)

Yellow (0%)

Blue (58%)

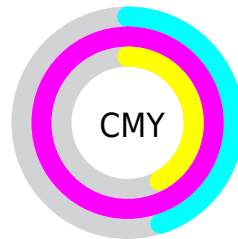


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (100%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9928, 7.6271, 28.6462 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 15.9928, 7.6271, 28.6462 by changing the saturation by 10% instead.

■ 15.9928, 7.6271,
28.6462

■ 15.9928, 7.6271,
28.6462

222.5705,
172.7772, 309.5505

■ 9.6099, 3.8573,
18.5701

■ 36.1433, 21.2241,
58.5500

■ 5.2013, 1.5940,
11.1864

■ 50.6415, 31.8201,
79.2147

■ 2.4018, 0.3536,
6.0766

■ 68.5755, 45.4602,
104.2460

■ 0.8460, 0.0000,
2.8222

■ 90.3108, 62.5289,
134.0624


■ 0.0000, 0.0000,
1.0046

■ 116.2125, 83.4106,
169.0826

■ 0.0000, 0.0000,
0.0000


■ 146.6461,


108.4896, 209.7249

 181.9770,
138.1503, 256.4080


 15.9928, 7.6271,
28.6462


 15.9928, 7.6271,
28.6462


 15.9929, 7.6272,
28.6463

 16.3121, 8.0413,
28.7094

 16.7505, 8.6924,
28.8120

 17.3655, 9.6946,
28.9730

 18.1789, 11.0918,
29.1998

 19.2094, 12.9215,
29.4987

■ 20.4737, 15.2168,
29.8751

■ 21.9867, 18.0076,
30.3340

■ 23.7620, 21.3213,
30.8801

■ 25.8124, 25.1832,
31.5174

Harmonies

Analogous

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



11.2912, 7.6271, 50.0431



15.9928, 7.6271, 28.6462



18.3786, 7.6271, 10.0386

Triad

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



15.9928, 7.6271, 28.6462



7.8319, 7.6271, 0.0000



2.2010, 7.6271, 22.6869

Complementary

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



15.9928, 7.6271, 28.6462



10.7028, 21.2380, 3.5355

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.



1.8689, 7.6271, 6.7827



15.9928, 7.6271, 28.6462



4.3094, 7.6271, 0.0000

Square

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



15.9928, 7.6271, 28.6462



12.6645, 7.6271, 0.0000



2.4675, 7.6271, 0.9714



3.6510, 7.6271, 44.8506

Rectangle

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



15.9928, 7.6271, 28.6462



17.8580, 7.6271, 3.5100



2.4675, 7.6271, 0.9714



1.9858, 7.6271, 16.2020

Sweetspot

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



15.9931, 7.6274, 28.6464



38.6196, 31.4493, 53.4694



5.4526, 2.3526, 28.1838



8.5729, 6.7293, 12.1319



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.



15.9931, 7.6274, 28.6464



28.1658, 13.4305, 50.5424



13.8081, 6.9342, 8.9717



6.0009, 5.8914, 7.2906



13.6688, 6.5191, 24.4689



0.1758, 0.0842, 0.2999

Inverse Universe

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



12.2622, 6.3159, 0.8315



21.6129, 11.1345, 1.3461



11.5194, 21.5517, 8.4240



5.8143, 5.8208, 6.1280



10.4775, 5.3961, 0.7298



0.1311, 0.0672, 0.0239

Previews

White Background



This preview shows how the XYZ color 15.9928, 7.6271, 28.6462 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

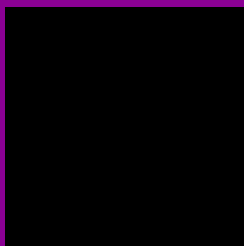
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9928, 7.6271, 28.6462

Background



This preview shows how black text looks on a background with the XYZ color 15.9928, 7.6271, 28.6462.



This preview shows how white text looks on a background with the XYZ color 15.9928, 7.6271,

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

15.9928, 7.6271, 28.6462

Protanopia

9.5159, 8.1654, 36.6718

Deuteranopia

8.4404, 8.2920, 25.5818



Tritanopia

11.4358, 8.0410, 5.5068

Trichromacy



Original Color

15.9928, 7.6271, 28.6462



Protanomaly

8.7639, 5.4882, 33.3983



Deuteranomaly

8.9345, 5.8648, 26.2523



Tritanomaly

12.3102, 7.1000, 11.0775

Monochromacy



Original Color

15.9928, 7.6271, 28.6462



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 15.9928, 7.6271, 28.6462 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(139, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 15.9928, 7.6271, 28.6462 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(139, 0, 148) }
```


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

```
.border{ border-color:rgb(139, 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(139, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9928, 7.6271, 28.6462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 148) }
```

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

```
.background{ background-color: rgb(139, 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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