

Converting Colors

XYZ(15.2588, 8.8782, 14.7116)

Have a look what the booklet for
XYZ(15.2588, 8.8782, 14.7116)
contains.

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Color

**XYZ(15.2316, 8.8826,
14.8216)**

Conversions

Conversions Part 1

Format	Color
Hex	912C6B
RGB	145, 44, 107
RGB Percent	57%, 17%, 42%
CMY	0.4314, 0.8274, 0.5804
CMYK	0.00, 0.70, 0.26, 0.43
HSL	323°, 53%, 37%
HSV	323°, 70%, 57%
XYZ	15.2316, 8.8826, 14.8216
YIQ	81.3810, 39.9730, 41.0050

Conversions

Conversions Part 2

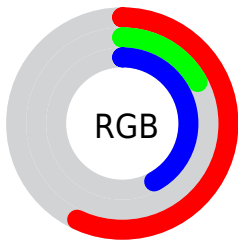
Format	Color
R_{YB}	145, 44, 107
Decimal	9514091
CIE _{Lab}	35.76, 48.49, -13.65
CIE _{LCh}	36, 50.377, 344.284
Yxy	8.8826, 0.3912, 0.2281
Android (android.graphics.Color)	4287704171 (0xFF912C6B)
YUV	81.3810, 12.6302, 55.7939
Hunter-Lab	29.8037, 39.0685, -8.6228

Details

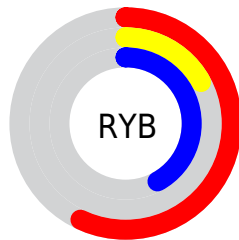
The XYZ color **15.2316, 8.8826, 14.8216** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.6876, 21.3958, 11.4448**, and the grayscale version is **7.8671, 8.2768, 9.0134**.

A 20% lighter version of the original color is **34.8964, 23.7605, 35.0948**, and **5.1300, 2.5504, 4.4969** is the 20% darker color. If you saturate the color by 10%, you get **14.5047, 7.8738, 13.2075**, and if you desaturate by 10%, it is **16.1659, 10.2771, 16.5943**.

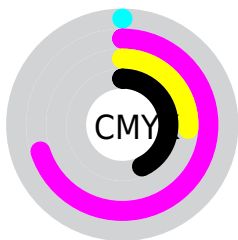
Distribution



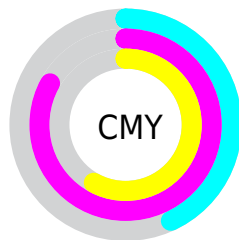
- Red (57%)
- Green (17%)
- Blue (42%)



- Red (57%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (26%)
- Black (43%)





- Cyan (43%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2316, 8.8826, 14.8216 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 15.2316, 8.8826, 14.8216 by changing the saturation by 10% instead.


 15.2316, 8.8826,
14.8216


 15.2316, 8.8826,
14.8216


218.1245,
182.4997, 233.8873


 9.0695, 4.6647,
8.5490


 34.8273, 23.6714,
35.2778

 4.8440, 2.0519,
4.3555

 48.9916, 35.0111,
50.2985


 2.1898, 0.6374,
1.8223

 66.5539, 49.4934,
69.0723

 0.7374, 0.0000,
0.4426

 87.8797, 67.5029,
92.0178

 0.0000, 0.0000,
0.0000

 113.3343, 89.4239,
119.5535

 143.2831,

115.6407, 152.0980

178.0913,
146.5378, 190.0697

■ 15.2316, 8.8826,
14.8216

■ 15.2316, 8.8826,
14.8216

■ 14.5047, 7.8738,
13.2075

■ 16.1659, 10.2771,
16.5943

■ 13.9635, 7.2077,
11.7430

■ 17.3248, 12.0914,
18.5328

■ 13.5552, 6.7798,
10.4089

■ 18.7246, 14.3575,
20.6441

■ 13.5415, 6.7656,
10.3642

■ 20.3797, 17.1038,
22.9346

■ 22.3035, 20.3564,
25.4101

■ 24.5082, 24.1394,
28.0762

■ 27.0055, 28.4756,
30.9381

■ 29.8061, 33.3861,
34.0010

■ 32.9204, 38.8913,
37.2695

Harmonies

Analogous

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



13.0986, 8.8826, 26.7752



15.2316, 8.8826, 14.8216



15.2865, 8.8826, 6.1671

Triad

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



15.2316, 8.8826, 14.8216



7.1087, 8.8826, 0.8971



4.9744, 8.8826, 26.2082

Complementary

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



15.2316, 8.8826, 14.8216



12.6876, 21.3958, 11.4448

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.



4.0245, 8.8826, 14.3019



15.2316, 8.8826, 14.8216



5.0459, 8.8826, 2.0461

Square

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



15.2316, 8.8826, 14.8216



10.0886, 8.8826, 0.9199



4.0471, 8.8826, 5.8786



6.9862, 8.8826, 35.5595

Rectangle

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



15.2316, 8.8826, 14.8216



14.1048, 8.8826, 3.0681



4.0471, 8.8826, 5.8786



4.5439, 8.8826, 22.1431

Sweetspot

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



15.2319, 8.8831, 14.8218



39.2904, 35.3463, 44.6889



9.4082, 5.5970, 27.3728



8.5489, 7.5380, 9.6980



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.2319, 8.8831, 14.8218



25.3475, 13.3054, 22.0221



13.3283, 8.1216, 4.7979



5.5414, 5.4771, 6.3488



11.6278, 5.8081, 8.9572



0.1219, 0.0598, 0.1421

Inverse Universe

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



15.2319, 8.8831, 14.8218



25.3475, 13.3054, 22.0221



15.2975, 22.4398, 25.1882



5.5414, 5.4771, 6.3488



11.6278, 5.8081, 8.9572



0.1219, 0.0598, 0.1421

Previews

White Background



This preview shows how the XYZ color 15.2316, 8.8826, 14.8216 looks on a white background.

Color Contrast Check

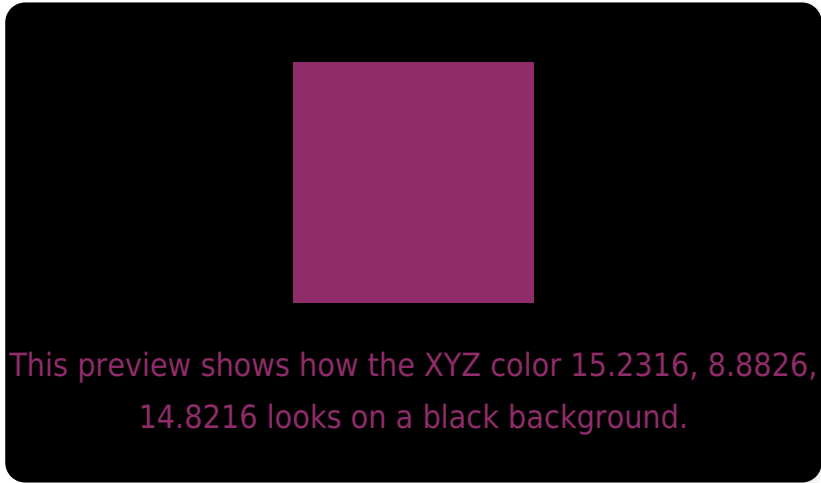
Large Text (above 18pt) WCAG AA ✓ Pass

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

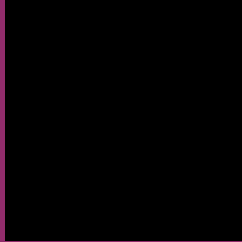
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2316, 8.8826, 14.8216

Background



This preview shows how black text looks on a background with the XYZ color 15.2316, 8.8826, 14.8216.



This preview shows how white text looks on a background with the XYZ color 15.2316, 8.8826,

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

15.2316, 8.8826, 14.8216

Protanopia

9.7172, 9.0879, 24.5345

Deuteranopia

9.1885, 9.0574, 13.5759



Tritanopia

13.2899, 8.9259, 5.4373

Trichromacy



Original Color

15.2316, 8.8826, 14.8216

Protanomaly

10.4459, 8.1166, 20.4181

Deuteranomaly

10.6397, 8.3613, 13.8851

Tritanomaly

13.7585, 8.7568, 8.1728

Monochromacy



Original Color

15.2316, 8.8826, 14.8216

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.6215, 7.8155, 10.6743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2316, 8.8826, 14.8216 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, 44, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 44, 107)  
}
```

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, 44, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 44, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.2316, 8.8826, 14.8216 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, 44, 107) }
```


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

```
.border{ border-color:rgb(145, 44, 107) }
```

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

Here you see how a box with a 4 pixel rgb(145, 44, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 44, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 44, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 44,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2316, 8.8826, 14.8216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 44, 107) }
```

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

```
.background{ background-color: rgb(145, 44,  
107) }
```

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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