

Converting Colors

XYZ(15.4625, 8.7933, 16.2970)

Have a look what the booklet for
XYZ(15.4625, 8.7933, 16.2970)
contains.

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Color

**XYZ(15.3946, 8.7755,
16.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	912970
RGB	145, 41, 112
RGB Percent	57%, 16%, 44%
CMY	0.4314, 0.8392, 0.5608
CMYK	0.00, 0.72, 0.23, 0.43
HSL	319°, 56%, 36%
HSV	319°, 72%, 57%
XYZ	15.3946, 8.7755, 16.2117
YIQ	80.1900, 39.1930, 44.1290

Conversions

Conversions Part 2

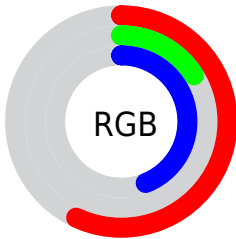
Format	Color
R_{YB}	145, 41, 112
Decimal	9513328
CIE _{Lab}	35.55, 50.36, -17.13
CIE _{LCh}	36, 53.192, 341.217
Yxy	8.7755, 0.3812, 0.2173
Android (android.graphics.Color)	4287703408 (0xFF912970)
YUV	80.1900, 15.6823, 56.8384
Hunter-Lab	29.6235, 40.9211, -11.7105

Details

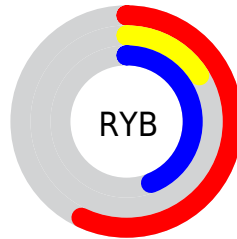
The XYZ color **15.3946, 8.7755, 16.2117** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.2764, 21.2169, 9.9279**, and the grayscale version is **7.6276, 8.0249, 8.7391**.

A 20% lighter version of the original color is **35.1502, 23.4213, 37.7901**, and **5.2398, 2.5943, 5.0751** is the 20% darker color. If you saturate the color by 10%, you get **14.7327, 7.8511, 14.7592**, and if you desaturate by 10%, it is **16.2549, 10.0755, 17.7951**.

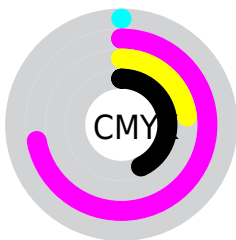
Distribution



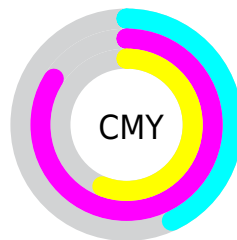
- Red (57%)
- Green (16%)
- Blue (44%)



- Red (57%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (72%)
- Yellow (23%)
- Black (43%)



- Cyan (43%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3946, 8.7755, 16.2117 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 15.3946, 8.7755, 16.2117 by changing the saturation by 10% instead.


 15.3946, 8.7755,
16.2117


 15.3946, 8.7755,
16.2117


219.0837,
181.6942, 242.4759


 9.1849, 4.5950,
9.5181


 35.1100, 23.4653,
37.7372


 4.9201, 2.0117,
4.9792

 49.3463, 34.7434,
53.4062


 2.2347, 0.6142,
2.1766

 66.9890, 49.1562,
72.9041

 0.7609, 0.0000,
0.6608

 88.4032, 67.0881,
96.6495

 0.0000, 0.0000,
0.0000

 113.9545, 88.9234,
125.0608

 144.0081,

115.0466, 158.5566

178.9294,
145.8421, 197.5555

■ 15.3946, 8.7755,
16.2117

■ 15.3946, 8.7755,
16.2117

■ 14.7327, 7.8511,
14.7592

■ 16.2549, 10.0755,
17.7951

■ 14.2467, 7.2581,
13.4289

■ 17.3313, 11.7864,
19.5160

■ 13.9286, 6.9204,
12.4030

■ 18.6401, 13.9406,
21.3808

■ 20.1961, 16.5673,
23.3953

■ 22.0125, 19.6928,
25.5650

■ 24.1018, 23.3417,
27.8946

■ 26.4757, 27.5369,
30.3891

■ 29.1448, 32.2998,
33.0527

■ 32.1197, 37.6509,
35.8899

Harmonies

Analogous

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



12.9433, 8.7755, 29.1414



15.3946, 8.7755, 16.2117



15.7045, 8.7755, 6.5912

Triad

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



15.3946, 8.7755, 16.2117



7.2290, 8.7755, 0.6373



4.5976, 8.7755, 25.9030

Complementary

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



15.3946, 8.7755, 16.2117



12.2764, 21.2169, 9.9279

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.



3.7368, 8.7755, 13.2959



15.3946, 8.7755, 16.2117



4.9836, 8.7755, 1.5880

Square

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



15.3946, 8.7755, 16.2117



10.4221, 8.7755, 0.7643



3.8578, 8.7755, 5.0273



6.5569, 8.7755, 36.7383

Rectangle

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



15.3946, 8.7755, 16.2117



14.5842, 8.7755, 3.1364



3.8578, 8.7755, 5.0273



4.1952, 8.7755, 21.4897

Sweetspot

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



15.3949, 8.7759, 16.2119



39.1643, 34.8217, 45.4862



8.7233, 5.0841, 27.3096



8.5335, 7.4370, 9.9098



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.



15.3949, 8.7759, 16.2119



25.8206, 13.3499, 24.9595



13.2878, 7.9331, 5.1159



5.5544, 5.4823, 6.4175



11.9591, 5.9407, 10.7021



0.1244, 0.0608, 0.1552

Inverse Universe

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



15.3949, 8.7759, 16.2119



25.8206, 13.3499, 24.9595



14.8018, 22.2270, 23.2267



5.5544, 5.4823, 6.4175



11.9591, 5.9407, 10.7021



0.1244, 0.0608, 0.1552

Previews

White Background



This preview shows how the XYZ color 15.3946, 8.7755, 16.2117 looks on a white background.

Color Contrast Check

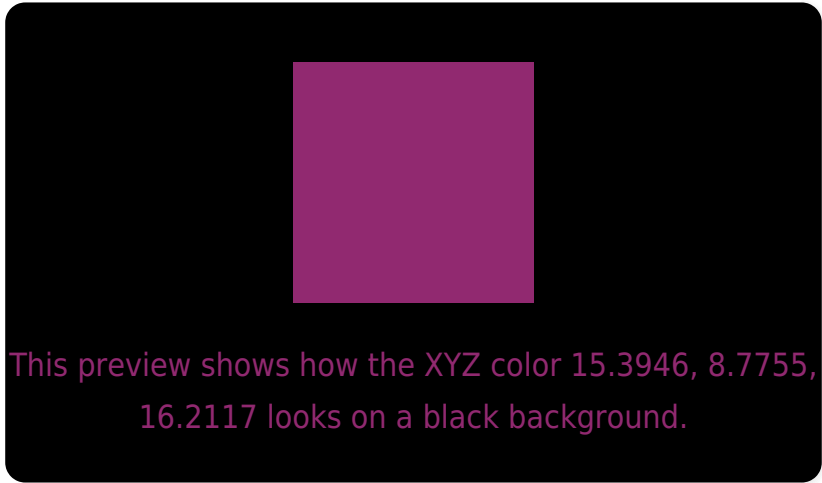
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3946, 8.7755, 16.2117

Background



This preview shows how black text looks on a background with the XYZ color 15.3946, 8.7755, 16.2117.



This preview shows how white text looks on a background with the XYZ color 15.3946, 8.7755,

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

15.3946, 8.7755, 16.2117

Protanopia

9.9490, 9.1304, 28.0260

Deuteranopia

9.1745, 9.0210, 14.8933



Tritanopia

13.2143, 8.8173, 5.2804

Trichromacy



Original Color

15.3946, 8.7755, 16.2117

Protanomaly

10.5172, 8.0014, 23.1804

Deuteranomaly

10.5996, 8.2202, 15.2154

Tritanomaly

13.7504, 8.6829, 8.3484

Monochromacy



Original Color

15.3946, 8.7755, 16.2117

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.5889, 7.6122, 11.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3946, 8.7755, 16.2117 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, 41, 112)` looks like.

```
.text, #text, p{  
    color:rgb(145, 41, 112)  
}
```

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, 41, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 41, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.3946, 8.7755, 16.2117 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, 41, 112) }
```


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

```
.border{ border-color:rgb(145, 41, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 41, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 41, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 41, 112);  
box-shadow:4px 4px 4px 4px rgb(145, 41,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3946, 8.7755, 16.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 41, 112) }
```

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

```
.background{ background-color: rgb(145, 41,  
112) }
```

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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