

Converting Colors

XYZ(15.6395, 6.9608, 10.7730)

Have a look what the booklet for
XYZ(15.6395, 6.9608, 10.7730)
contains.

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Color

**XYZ(16.2739, 8.1612,
11.0735)**

Conversions

Conversions Part 1

Format	Color
Hex	9F005D
RGB	159, 0, 93
RGB Percent	62%, 0%, 36%
CMY	0.3765, 0.9999, 0.6353
CMYK	0.00, 1.00, 0.42, 0.38
HSL	325°, 100%, 31%
HSV	325°, 100%, 62%
XYZ	16.2739, 8.1612, 11.0735
YIQ	58.1430, 64.9110, 62.6310

Conversions

Conversions Part 2

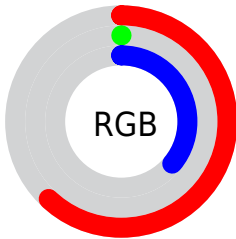
Format	Color
R_{YB}	159, 0, 93
Decimal	10420317
CIE Lab	34.32, 60.76, -6.60
CIE LCh	34, 61.120, 353.798
Yxy	8.1612, 0.4583, 0.2298
Android (android.graphics.Color)	4288610397 (0xFF9F005D)
YUV	58.1430, 17.1845, 88.4516
Hunter-Lab	28.5678, 51.6904, -2.9846

Details

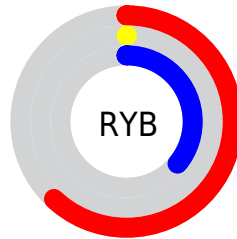
The XYZ color **16.2739, 8.1612, 11.0735** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.3823, 25.1901, 9.3139**, and the grayscale version is **4.0138, 4.2228, 4.5986**.

A 20% lighter version of the original color is **36.5252, 22.1964, 28.3458**, and **5.9926, 3.0300, 2.9583** is the 20% darker color. If you saturate the color by 10%, you get **16.2736, 8.1611, 11.0718**, and if you desaturate by 10%, it is **16.7632, 8.6515, 12.7420**.

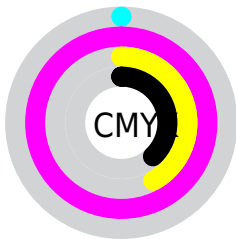
Distribution



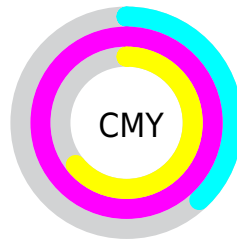
- Red (62%)
- Green (0%)
- Blue (36%)



- Red (62%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (38%)




- Cyan (38%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2739, 8.1612, 11.0735 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 16.2739, 8.1612, 11.0735 by changing the saturation by 10% instead.


 16.2739, 8.1612,
11.0735


 16.2739, 8.1612,
11.0735

224.1913,
176.9910, 208.9266


 9.8103, 4.1983,
6.0015


 36.6267, 22.2739,
28.4347


 5.3346, 1.7851,
2.7772

 51.2465, 33.1924,
41.5610


 2.4817, 0.4778,
0.9820

 69.3158, 47.1982,
58.2092

 0.8860, 0.0000,
0.0000

 91.1999, 64.6758,
78.7977

 0.0000, 0.0000,
0.0000

 117.2641, 86.0094,
103.7452

 147.8739,

111.5836, 133.4702

183.3945,
141.7826, 168.3911

16.2739, 8.1612,
11.0735

16.2739, 8.1612,
11.0735

16.2736, 8.1611,
11.0718

16.7632, 8.6515,
12.7420

17.4218, 9.4390,
14.5945

18.3131, 10.6497,
16.6550

19.4641, 12.3365,
18.9353

20.8978, 14.5444,
21.4460

■ 22.6345, 17.3135,
24.1963

■ 24.6926, 20.6795,
27.1950

■ 27.0890, 24.6755,
30.4503

■ 29.8393, 29.3318,
33.9698

Harmonies

Analogous

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



14.3437, 8.1612, 25.2357



16.2739, 8.1612, 11.0735



15.4377, 8.1612, 3.2578

Triad

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



16.2739, 8.1612, 11.0735



5.4002, 8.1612, 0.2267



4.4925, 8.1612, 34.2915

Complementary

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



16.2739, 8.1612, 11.0735



13.3823, 25.1901, 9.3139

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.



3.1707, 8.1612, 18.8238



16.2739, 8.1612, 11.0735



3.5772, 8.1612, 1.7688

Square

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



16.2739, 8.1612, 11.0735



8.4872, 8.1612, 0.0000



2.8933, 8.1612, 7.0077



7.0699, 8.1612, 43.6897

Rectangle

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



16.2739, 8.1612, 11.0735



13.5186, 8.1612, 1.1953



2.8933, 8.1612, 7.0077



3.9210, 8.1612, 29.2547

Sweetspot

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



16.2741, 8.1617, 11.0736



43.9913, 36.6539, 48.3787



8.3474, 3.5806, 33.0522



9.5749, 7.6999, 10.4163



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.2741, 8.1617, 11.0736



29.0457, 14.5763, 19.3084



14.3912, 7.4085, 1.1584



6.7875, 6.7079, 7.7323



12.8745, 6.4544, 8.8561



0.2509, 0.1237, 0.2676

Inverse Universe

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



16.2741, 8.1617, 11.0736



29.0457, 14.5763, 19.3084



17.3641, 26.7828, 30.2816



6.7875, 6.7079, 7.7323



12.8745, 6.4544, 8.8561



0.2509, 0.1237, 0.2676

Previews

White Background



This preview shows how the XYZ color 16.2739, 8.1612, 11.0735 looks on a white background.

Color Contrast Check

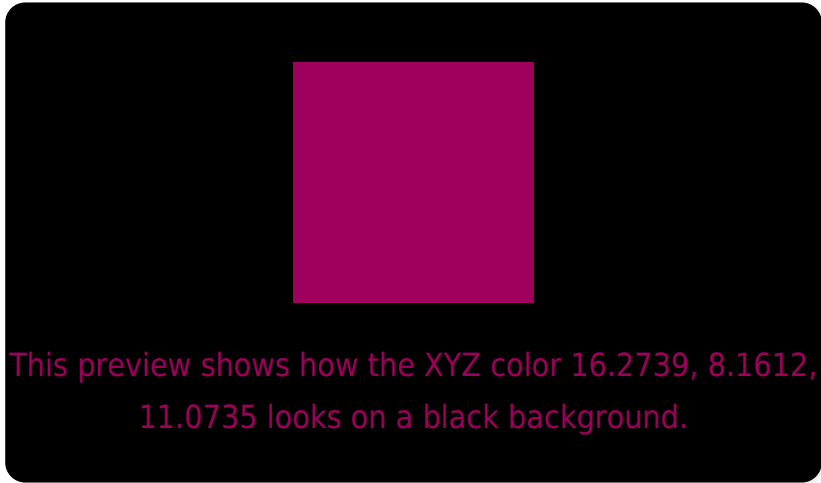
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2739, 8.1612, 11.0735

Background



This preview shows how black text looks on a background with the XYZ color 16.2739, 8.1612, 11.0735.



This preview shows how white text looks on a background with the XYZ color 16.2739, 8.1612, 11.0735.

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

16.2739, 8.1612, 11.0735

Protanopia

9.4347, 8.8458, 23.7644

Deuteranopia

8.9365, 8.7809, 10.0280



Tritanopia

14.7217, 8.5310, 2.7044

Trichromacy



Original Color

16.2739, 8.1612, 11.0735

Protanomaly

9.7034, 6.4405, 18.1845

Deuteranomaly

10.2336, 6.8903, 10.2418

Tritanomaly

14.9950, 8.1269, 4.7813

Monochromacy



Original Color

16.2739, 8.1612, 11.0735

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.5182, 4.2110, 6.4305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2739, 8.1612, 11.0735 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(159, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 93)  
}
```

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(159, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.2739, 8.1612, 11.0735 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(159, 0, 93) }
```


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

```
.border{ border-color:rgb(159, 0, 93) }
```

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

Here you see how a box with a 4 pixel rgb(159, 0, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(159, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.2739, 8.1612, 11.0735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 93) }
```

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

```
.background{ background-color: rgb(159, 0,  
93) }
```

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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