

Converting Colors

XYZ(16.9815, 9.9716, 13.3698)

Have a look what the booklet for
XYZ(16.9815, 9.9716, 13.3698)
contains.

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Color

**XYZ(17.0758, 10.0405,
13.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2F65
RGB	156, 47, 101
RGB Percent	61%, 18%, 40%
CMY	0.3882, 0.8157, 0.6039
CMYK	0.00, 0.70, 0.35, 0.39
HSL	330°, 54%, 40%
HSV	330°, 70%, 61%
XYZ	17.0758, 10.0405, 13.3499
YIQ	85.7470, 47.6300, 39.9020

Conversions

Conversions Part 2

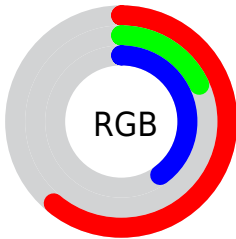
Format	Color
R_{YB}	156, 47, 101
Decimal	10235749
CIE Lab	37.92, 49.74, -6.40
CIE LCh	38, 50.149, 352.667
Yxy	10.0405, 0.4220, 0.2481
Android (android.graphics.Color)	4288425829 (0xFF9C2F65)
YUV	85.7470, 7.5197, 61.6119
Hunter-Lab	31.6867, 40.7408, -2.7987

Details

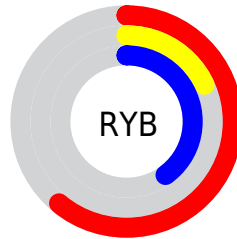
The XYZ color **17.0758, 10.0405, 13.3499** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.4596, 25.3410, 16.6484**, and the grayscale version is **8.7698, 9.2265, 10.0477**.

A 20% lighter version of the original color is **38.0527, 25.8705, 32.6937**, and **5.9214, 2.9757, 3.7523** is the 20% darker color. If you saturate the color by 10%, you get **16.1925, 8.8618, 11.2428**, and if you desaturate by 10%, it is **18.2196, 11.6808, 15.7263**.

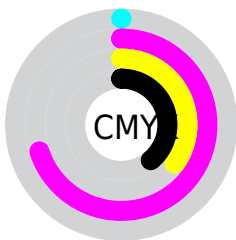
Distribution



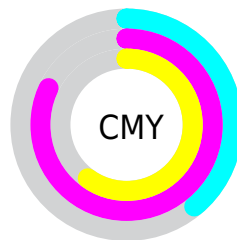
- Red (61%)
- Green (18%)
- Blue (40%)



- Red (61%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (39%)





- Cyan (39%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0758, 10.0405, 13.3499 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 17.0758, 10.0405, 13.3499 by changing the saturation by 10% instead.

 17.0758, 10.0405,
13.3499


 17.0758, 10.0405,
13.3499


228.7565,
190.9609, 224.4341


 10.3842, 5.4258,
7.5364


 37.9986, 25.8716,
32.6313

 5.7186, 2.4992,
3.7163

 52.9605, 37.8569,
46.9363


 2.7138, 0.8762,
1.4710

 71.4099, 53.0678,
64.9089

 1.0043, 0.0000,
0.1962

 93.7122, 71.8888,
86.9676

 0.0000, 0.0000,
0.0000

 120.2326, 94.7041,
113.5309

 151.3366,

121.8984, 145.0174

187.3894,
153.8558, 181.8456

■ 17.0758, 10.0405,
13.3499

■ 17.0758, 10.0405,
13.3499

■ 16.1925, 8.8618,
11.2428

■ 18.2196, 11.6808,
15.7263

■ 15.5427, 8.0928,
9.3907

■ 19.6453, 13.8244,
18.3838

■ 15.0658, 7.6137,
7.7681

■ 21.3730, 16.5098,
21.3339

■ 15.0599, 7.6077,
7.7479

■ 23.4208, 19.7714,
24.5872

■ 25.8050, 23.6408,
28.1535

■ 28.5409, 28.1472,
32.0421

■ 31.6430, 33.3179,
36.2620

■ 35.1247, 39.1787,
40.8216

■ 38.9988, 45.7539,
45.7292

Harmonies

Analogous

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



15.3466, 10.0405, 25.5562



17.0758, 10.0405, 13.3499



16.4547, 10.0405, 5.4332

Triad

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



17.0758, 10.0405, 13.3499



7.3548, 10.0405, 1.3845



6.2654, 10.0405, 31.8987

Complementary

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



17.0758, 10.0405, 13.3499



15.4596, 25.3410, 16.6484

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.



4.9021, 10.0405, 19.2668



17.0758, 10.0405, 13.3499



5.4255, 10.0405, 3.3299

Square

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



17.0758, 10.0405, 13.3499



10.3537, 10.0405, 1.0987



4.6335, 10.0405, 8.8259



8.7761, 10.0405, 39.5460

Rectangle

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



17.0758, 10.0405, 13.3499



14.8450, 10.0405, 2.7909



4.6335, 10.0405, 8.8259



5.6831, 10.0405, 27.8427

Sweetspot

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



17.0761, 10.0410, 13.3501



46.1578, 41.7763, 50.0943



12.4409, 7.2296, 32.1924



9.9073, 8.7863, 10.6541



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.0761, 10.0410, 13.3501



28.6779, 15.2020, 18.4161



15.2403, 9.3067, 3.6831



6.7632, 6.6982, 7.6040



12.4221, 6.2734, 6.4740



0.2434, 0.1207, 0.2281

Inverse Universe

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



17.0761, 10.0410, 13.3501



28.6779, 15.2020, 18.4161



19.0619, 26.7818, 35.6174



6.7632, 6.6982, 7.6040



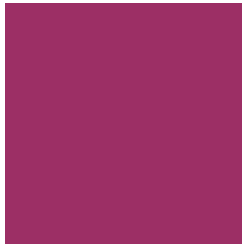
12.4221, 6.2734, 6.4740



0.2434, 0.1207, 0.2281

Previews

White Background



This preview shows how the XYZ color 17.0758, 10.0405, 13.3499 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

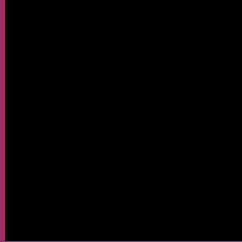
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0758, 10.0405, 13.3499

Background



This preview shows how black text looks on a background with the XYZ color 17.0758, 10.0405, 13.3499.



This preview shows how white text looks on a background with the XYZ color 17.0758, 10.0405,

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

17.0758, 10.0405, 13.3499

Protanopia

10.6767, 10.3494, 22.2038

Deuteranopia

10.4850, 10.3471, 12.2710



Tritanopia

15.4423, 10.0355, 5.5380

Trichromacy



Original Color

17.0758, 10.0405, 13.3499

Protanomaly

11.7224, 9.2936, 18.6288

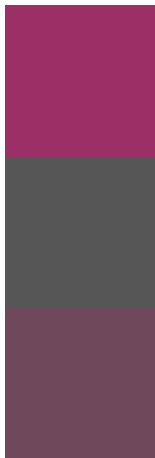
Deuteranomaly

12.0114, 9.4797, 12.5060

Tritanomaly

15.9040, 9.9380, 7.9175

Monochromacy



Original Color

17.0758, 10.0405, 13.3499

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.7612, 8.7696, 11.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0758, 10.0405, 13.3499 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(156, 47, 101)` looks like.

```
.text, #text, p{  
    color:rgb(156, 47, 101)  
}
```

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(156, 47, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 47, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.0758, 10.0405, 13.3499 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(156, 47, 101) }
```


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

```
.border{ border-color:rgb(156, 47, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 47, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 47, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 47, 101);  
box-shadow:4px 4px 4px 4px rgb(156, 47,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0758, 10.0405, 13.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 47, 101) }
```

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

```
.background{ background-color: rgb(156, 47,  
101) }
```

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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