

Converting Colors

XYZ(16.6016, 10.3758, 17.4553)

Have a look what the booklet for
XYZ(16.6016, 10.3758, 17.4553)
contains.

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Color

**XYZ(16.5903, 10.3671,
17.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	933973
RGB	147, 57, 115
RGB Percent	58%, 22%, 45%
CMY	0.4235, 0.7765, 0.5490
CMYK	0.00, 0.61, 0.22, 0.42
HSL	321°, 44%, 40%
HSV	321°, 61%, 58%
XYZ	16.5903, 10.3671, 17.3463
YIQ	90.5220, 35.0220, 37.1180

Conversions

Conversions Part 2

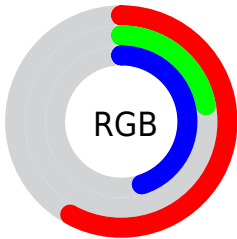
Format	Color
R_{YB}	147, 57, 115
Decimal	9648499
CIE _{Lab}	38.49, 44.55, -14.47
CIE _{LCh}	38, 46.836, 342.009
Yxy	10.3671, 0.3745, 0.2340
Android (android.graphics.Color)	4287838579 (0xFF933973)
YUV	90.5220, 12.0677, 49.5312
Hunter-Lab	32.1980, 35.6273, -9.4032

Details

The XYZ color **16.5903, 10.3671, 17.3463** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.9248, 22.4590, 13.0533**, and the grayscale version is **9.8041, 10.3147, 11.2327**.

A 20% lighter version of the original color is **37.0723, 26.4238, 39.7056**, and **5.5273, 2.7324, 5.5463** is the 20% darker color. If you saturate the color by 10%, you get **15.6737, 9.0016, 15.5986**, and if you desaturate by 10%, it is **17.7350, 12.1613, 19.2544**.

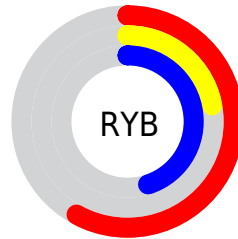
Distribution



Red (58%)

Green (22%)

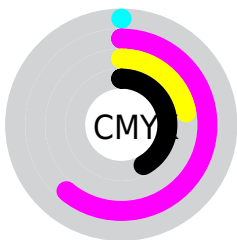
Blue (45%)



Red (58%)

Yellow (22%)

Blue (45%)

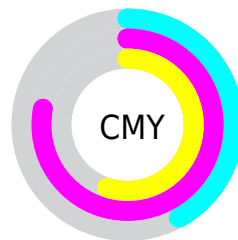


Cyan (0%)

Magenta (61%)

Yellow (22%)

Black (42%)



Cyan (42%)


Magenta (78%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5903, 10.3671, 17.3463 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 16.5903, 10.3671, 17.3463 by changing the saturation by 10% instead.

 16.5903, 10.3671,
17.3463


 16.5903, 10.3671,
17.3463


226.0028,
193.2724, 249.2713


 10.0363, 5.6430,
10.3171


 37.1692, 26.4837,
39.7190


 5.4855, 2.6293,
5.5014

 51.9249, 38.6451,
55.8996


 2.5725, 0.9414,
2.4805

 70.1451, 54.0543,
75.9678

 0.9320, 0.0000,
0.8298

 92.1953, 73.0958,
100.3422

 0.0000, 0.0000,
0.0000

 118.4408, 96.1540,
129.4411

 149.2470,

123.6132, 163.6833

184.9792,
155.8579, 203.4872

■ 16.5903, 10.3671,
17.3463

■ 16.5903, 10.3671,
17.3463

■ 15.6737, 9.0016,
15.5986

■ 17.7350, 12.1613,
19.2544

■ 14.9652, 8.0256,
14.0030

■ 19.1237, 14.4158,
21.3291

■ 14.4429, 7.3955,
12.5509

■ 20.7717, 17.1609,
23.5772

■ 14.0861, 7.0244,
11.3759

■ 22.6931, 20.4239,
26.0045

■ 24.9005, 24.2301,
28.6165

■ 27.4060, 28.6032,
31.4186

■ 30.2210, 33.5653,
34.4156

■ 33.3560, 39.1375,
37.6123

■ 36.8214, 45.3398,
41.0132

Harmonies

Analogous

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



14.3483, 10.3671, 29.0515



16.5903, 10.3671, 17.3463



16.8167, 10.3671, 8.1274

Triad

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



16.5903, 10.3671, 17.3463



8.6774, 10.3671, 1.5187



6.0907, 10.3671, 26.7739

Complementary

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



16.5903, 10.3671, 17.3463



13.9248, 22.4590, 13.0533

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.



5.1395, 10.3671, 15.1772



16.5903, 10.3671, 17.3463



6.4118, 10.3671, 2.8170

Square

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



16.5903, 10.3671, 17.3463



11.7887, 10.3671, 1.6416



5.2434, 10.3671, 6.8354



8.1428, 10.3671, 36.1595

Rectangle

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



16.5903, 10.3671, 17.3463



15.7447, 10.3671, 4.4962



5.2434, 10.3671, 6.8354



5.6528, 10.3671, 22.8084

Sweetspot

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



16.5906, 10.3676, 17.3465



41.7138, 38.4186, 47.8698



10.8022, 7.1326, 28.4114



9.2915, 8.3740, 10.6484



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.



16.5906, 10.3676, 17.3465



27.6137, 15.4738, 26.9683



14.6176, 9.5784, 6.9565



5.9486, 5.8745, 6.8357



12.2238, 6.0946, 9.9256



0.1637, 0.0802, 0.1956

Inverse Universe

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



16.5906, 10.3676, 17.3465



27.6137, 15.4738, 26.9683



16.3898, 23.4450, 26.0338



5.9486, 5.8745, 6.8357



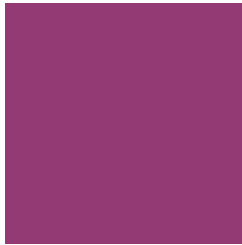
12.2238, 6.0946, 9.9256



0.1637, 0.0802, 0.1956

Previews

White Background



This preview shows how the XYZ color 16.5903, 10.3671, 17.3463 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



This preview shows how the XYZ color 16.5903, 10.3671, 17.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

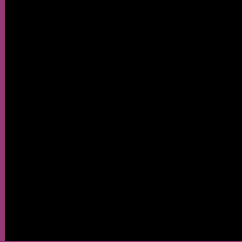
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5903, 10.3671, 17.3463

Background



This preview shows how black text looks on a background with the XYZ color 16.5903, 10.3671, 17.3463.



This preview shows how white text looks on a background with the XYZ color 16.5903, 10.3671,

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

16.5903, 10.3671, 17.3463

Protanopia

11.2138, 10.6616, 26.2778

Deuteranopia

10.7012, 10.4947, 16.2135



Tritanopia

14.5045, 10.3218, 7.3587

Trichromacy



Original Color

16.5903, 10.3671, 17.3463

Protanomaly

12.1880, 9.8542, 22.7324

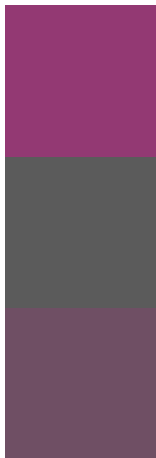
Deuteranomaly

12.1341, 9.8571, 16.5923

Tritanomaly

15.0406, 10.1889, 10.4064

Monochromacy



Original Color

16.5903, 10.3671, 17.3463

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.6518, 9.8916, 13.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5903, 10.3671, 17.3463 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(147, 57, 115)` looks like.

```
.text, #text, p{  
    color:rgb(147, 57, 115)  
}
```

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(147, 57, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 57, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.5903, 10.3671, 17.3463 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(147, 57, 115) }
```


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

```
.border{ border-color:rgb(147, 57, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 57, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 57, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 57, 115);  
box-shadow:4px 4px 4px 4px rgb(147, 57,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5903, 10.3671, 17.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 57, 115) }
```

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

```
.background{ background-color: rgb(147, 57,  
115) }
```

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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