

Converting Colors

XYZ(16.1140, 10.4583, 16.7043)

Have a look what the booklet for
XYZ(16.1140, 10.4583, 16.7043)
contains.

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Color

**XYZ(16.1510, 10.4590,
16.7903)**

Conversions

Conversions Part 1

Format	Color
Hex	903D71
RGB	144, 61, 113
RGB Percent	56%, 24%, 44%
CMY	0.4353, 0.7608, 0.5569
CMYK	0.00, 0.58, 0.22, 0.44
HSL	322°, 40%, 40%
HSV	322°, 58%, 56%
XYZ	16.1510, 10.4590, 16.7903
YIQ	91.7450, 32.7760, 33.7680

Conversions

Conversions Part 2

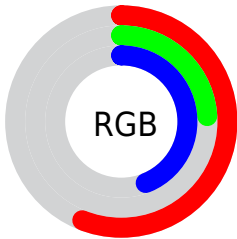
Format	Color
RYB	144, 61, 113
Decimal	9452913
CIELab	38.65, 41.37, -13.02
CIELCh	39, 43.366, 342.530
Yxy	10.4590, 0.3721, 0.2410
Android (android.graphics.Color)	4287642993 (0xFF903D71)
YUV	91.7450, 10.4787, 45.8276
Hunter-Lab	32.3404, 32.5484, -8.1436

Details

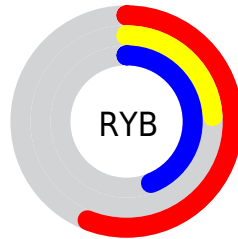
The XYZ color **16.1510, 10.4590, 16.7903** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.8300, 21.7117, 13.5880**, and the grayscale version is **10.0858, 10.6111, 11.5555**.

A 20% lighter version of the original color is **36.4051, 26.5843, 38.8098**, and **5.3119, 2.6926, 5.2408** is the 20% darker color. If you saturate the color by 10%, you get **15.1891, 9.0055, 15.0197**, and if you desaturate by 10%, it is **17.3379, 12.3335, 18.7246**.

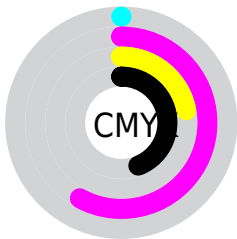
Distribution



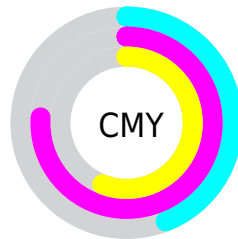
- Red (56%)
- Green (24%)
- Blue (44%)



- Red (56%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (22%)
- Black (44%)





- Cyan (44%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1510, 10.4590, 16.7903 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 16.1510, 10.4590, 16.7903 by changing the saturation by 10% instead.


 16.1510, 10.4590,
16.7903


 16.1510, 10.4590,
16.7903


223.4840,
193.9174, 245.9639


 9.7226, 5.7043,
9.9247


 36.4155, 26.6553,
38.7506


 5.2763, 2.6661,
5.2441

 50.9823, 38.8658,
54.6823

 2.4467, 0.9600,
2.3300

 68.9926, 54.3303,
74.4733

 0.8684, 0.0000,
0.7479

 90.8117, 73.4332,
98.5419

 0.0000, 0.0000,
0.0000

 116.8051, 96.5590,
127.3067

 147.3380,

124.0920, 161.1863

182.7759,
156.4167, 200.5992

■ 16.1510, 10.4590,
16.7903

■ 16.1510, 10.4590,
16.7903

■ 15.1891, 9.0055,
15.0197

■ 17.3379, 12.3335,
18.7246

■ 14.4341, 7.9375,
13.4050

■ 18.7641, 14.6578,
20.8287

■ 13.8662, 7.2162,
11.9382

■ 20.4441, 17.4597,
23.1089

■ 13.4480, 6.7670,
10.6052

■ 22.3906, 20.7646,
25.5708

■ 13.3563, 6.6712,
10.3045

■ 24.6156, 24.5959,
28.2198

■ 27.1303, 28.9755,
31.0611

■ 29.9452, 33.9242,
34.0993

■ 33.0704, 39.4615,
37.3393

■ 36.5154, 45.6063,
40.7854

Harmonies

Analogous

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



14.1330, 10.4590, 27.3482



16.1510, 10.4590, 16.7903



16.3209, 10.4590, 8.3063

Triad

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



16.1510, 10.4590, 16.7903



8.7969, 10.4590, 1.9025



6.4193, 10.4590, 25.6654

Complementary

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



16.1510, 10.4590, 16.7903



13.8300, 21.7117, 13.5880

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.



5.4872, 10.4590, 15.1510



16.1510, 10.4590, 16.7903



6.6726, 10.4590, 3.2868

Square

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



16.1510, 10.4590, 16.7903



11.6818, 10.4590, 2.0109



5.5700, 10.4590, 7.2901



8.3823, 10.4590, 33.9326

Rectangle

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



16.1510, 10.4590, 16.7903



15.3251, 10.4590, 4.8531



5.5700, 10.4590, 7.2901



5.9936, 10.4590, 22.1077

Sweetspot

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



16.1513, 10.4595, 16.7905



39.5974, 36.8049, 45.2303



11.0605, 7.5979, 27.2694



8.9335, 8.1888, 10.1914



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.



16.1513, 10.4595, 16.7905



26.3846, 15.2945, 25.6727



14.3427, 9.7360, 7.2662



5.5420, 5.4773, 6.3520



11.6424, 5.8140, 9.0343



0.1220, 0.0599, 0.1427

Inverse Universe

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



16.1513, 10.4595, 16.7905



26.3846, 15.2945, 25.6727



16.1272, 22.6306, 25.6847



5.5420, 5.4773, 6.3520



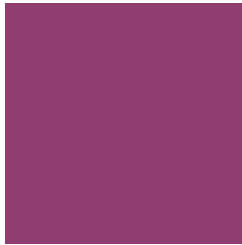
11.6424, 5.8140, 9.0343



0.1220, 0.0599, 0.1427

Previews

White Background



This preview shows how the XYZ color 16.1510, 10.4590, 16.7903 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

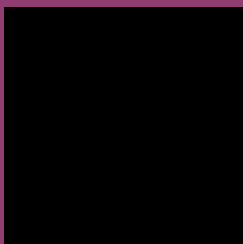
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1510, 10.4590, 16.7903

Background



This preview shows how black text looks on a background with the XYZ color 16.1510, 10.4590, 16.7903.



This preview shows how white text looks on a background with the XYZ color 16.1510, 10.4590,

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

16.1510, 10.4590, 16.7903

Protanopia

11.0899, 10.6394, 24.3908

Deuteranopia

10.7766, 10.6703, 15.6790



Tritanopia

14.2754, 10.4638, 7.9239

Trichromacy



Original Color

16.1510, 10.4590, 16.7903

Protanomaly

11.9936, 9.8910, 21.3557

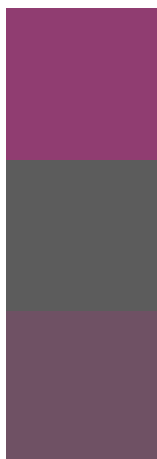
Deuteranomaly

12.1660, 10.0973, 16.0596

Tritanomaly

14.7948, 10.3983, 10.6785

Monochromacy



Original Color

16.1510, 10.4590, 16.7903

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.7982, 10.1845, 13.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1510, 10.4590, 16.7903 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(144, 61, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 61, 113)  
}
```

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(144, 61, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 61, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.1510, 10.4590, 16.7903 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(144, 61, 113) }
```


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

```
.border{ border-color:rgb(144, 61, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 61, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 61, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 61, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 61,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1510, 10.4590, 16.7903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 61, 113) }
```

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

```
.background{ background-color: rgb(144, 61,  
113) }
```

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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