

Converting Colors

XYZ(16.6028, 10.3126, 16.6887)

Have a look what the booklet for
XYZ(16.6028, 10.3126, 16.6887)
contains.

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Color

**XYZ(16.6076, 10.3165,
16.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	943871
RGB	148, 56, 113
RGB Percent	58%, 22%, 44%
CMY	0.4196, 0.7804, 0.5569
CMYK	0.00, 0.62, 0.24, 0.42
HSL	323°, 45%, 40%
HSV	323°, 62%, 58%
XYZ	16.6076, 10.3165, 16.7388
YIQ	90.0060, 36.5350, 37.2310

Conversions

Conversions Part 2

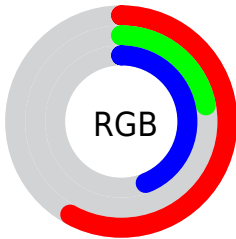
Format	Color
RYB	148, 56, 113
Decimal	9713777
CIELab	38.40, 45.03, -13.34
CIElCh	38, 46.960, 343.498
Yxy	10.3165, 0.3804, 0.2363
Android (android.graphics.Color)	4287903857 (0xFF943871)
YUV	90.0060, 11.3360, 50.8607
Hunter-Lab	32.1193, 36.0864, -8.4151

Details

The XYZ color **16.6076, 10.3165, 16.7388** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.1097, 22.7763, 13.5512**, and the grayscale version is **9.6896, 10.1942, 11.1015**.

A 20% lighter version of the original color is **37.0559, 26.2791, 38.7166**, and **5.5702, 2.7613, 5.2404** is the 20% darker color. If you saturate the color by 10%, you get **15.6862, 8.9654, 14.9159**, and if you desaturate by 10%, it is **17.7614, 12.1007, 18.7364**.

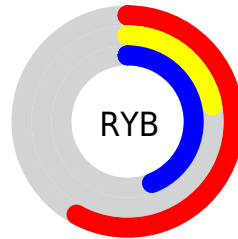
Distribution



Red (58%)

Green (22%)

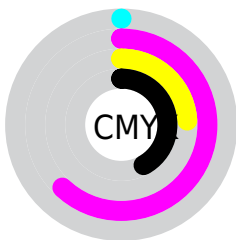
Blue (44%)



Red (58%)

Yellow (22%)

Blue (44%)

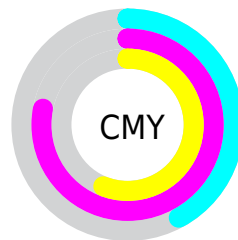


Cyan (0%)

Magenta (62%)

Yellow (24%)

Black (42%)



Cyan (42%)


Magenta (78%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6076, 10.3165, 16.7388 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 16.6076, 10.3165, 16.7388 by changing the saturation by 10% instead.


 16.6076, 10.3165,
16.7388


 16.6076, 10.3165,
16.7388

226.1014,
192.9163, 245.6554


 10.0487, 5.6093,
9.8885


 37.1989, 26.3891,
38.6606


 5.4938, 2.6090,
5.2204

 51.9619, 38.5234,
54.5692

 2.5775, 0.9312,
2.3162

 70.1904, 53.9020,
74.3342

 0.9345, 0.0000,
0.7403

 92.2496, 72.9096,
98.3742

 0.0000, 0.0000,
0.0000

 118.5050, 95.9304,
127.1078

 149.3218,

123.3489, 160.9535

185.0655,
155.5494, 200.3299

■ 16.6076, 10.3165,
16.7388

■ 16.6076, 10.3165,
16.7388

■ 15.6862, 8.9654,
14.9159

■ 17.7614, 12.1007,
18.7364

■ 14.9766, 8.0069,
13.2588

■ 19.1639, 14.3505,
20.9156

■ 14.4559, 7.3959,
11.7582

■ 20.8310, 17.0970,
23.2835

■ 14.1312, 7.0633,
10.6737

■ 22.7771, 20.3682,
25.8463

■ 25.0153, 24.1902,
28.6102

■ 27.5581, 28.5870,
31.5807

■ 30.4169, 33.5815,
34.7632

■ 33.6028, 39.1950,
38.1630

■ 37.1263, 45.4482,
41.7848

Harmonies

Analogous

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



14.4450, 10.3165, 28.4534



16.6076, 10.3165, 16.7388



16.7214, 10.3165, 7.7373

Triad

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



16.6076, 10.3165, 16.7388



8.4938, 10.3165, 1.5182



6.1230, 10.3165, 27.3071

Complementary

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



16.6076, 10.3165, 16.7388



14.1097, 22.7763, 13.5512

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.



5.1204, 10.3165, 15.6489



16.6076, 10.3165, 16.7388



6.2839, 10.3165, 2.9012

Square

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



16.6076, 10.3165, 16.7388



11.5758, 10.3165, 1.5793



5.1724, 10.3165, 7.0900



8.2256, 10.3165, 36.4160

Rectangle

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



16.6076, 10.3165, 16.7388



15.5839, 10.3165, 4.2575



5.1724, 10.3165, 7.0900



5.6678, 10.3165, 23.3538

Sweetspot

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



16.6079, 10.3170, 16.7390



41.2339, 37.7137, 46.9238



10.9506, 7.1274, 28.8158



9.1880, 8.2273, 10.4280



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.



16.6079, 10.3170, 16.7390



27.0904, 15.0043, 25.0146



14.6789, 9.5454, 6.5810



5.9427, 5.8721, 6.8045



12.0838, 6.0386, 9.1881



0.1623, 0.0797, 0.1883

Inverse Universe

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



16.6079, 10.3170, 16.7390



27.0904, 15.0043, 25.0146



16.6462, 23.7909, 26.9085



5.9427, 5.8721, 6.8045



12.0838, 6.0386, 9.1881



0.1623, 0.0797, 0.1883

Previews

White Background



This preview shows how the XYZ color 16.6076, 10.3165, 16.7388 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

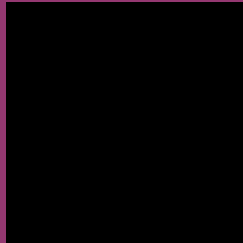
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6076, 10.3165, 16.7388

Background



This preview shows how black text looks on a background with the XYZ color 16.6076, 10.3165, 16.7388.



This preview shows how white text looks on a background with the XYZ color 16.6076, 10.3165,

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

16.6076, 10.3165, 16.7388

Protanopia

11.0676, 10.6032, 25.5080

Deuteranopia

10.6928, 10.5028, 15.6510



Tritanopia

14.5871, 10.2807, 7.1768

Trichromacy



Original Color

16.6076, 10.3165, 16.7388

Protanomaly

12.0537, 9.8005, 22.0253

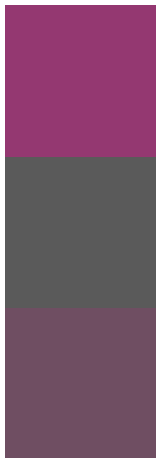
Deuteranomaly

12.1504, 9.8783, 16.0182

Tritanomaly

15.0794, 10.1369, 9.9659

Monochromacy



Original Color

16.6076, 10.3165, 16.7388

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.4845, 9.7101, 12.8242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6076, 10.3165, 16.7388 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(148, 56, 113)` looks like.

```
.text, #text, p{  
    color:rgb(148, 56, 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(148, 56, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 56, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.6076, 10.3165, 16.7388 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(148, 56, 113) }
```


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

```
.border{ border-color:rgb(148, 56, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 56, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 56, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 56, 113);  
box-shadow:4px 4px 4px 4px rgb(148, 56,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6076, 10.3165, 16.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 56, 113) }
```

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

```
.background{ background-color: rgb(148, 56,  
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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