

Converting Colors

XYZ(16.4676, 10.5126, 15.3124)

Have a look what the booklet for
XYZ(16.4676, 10.5126, 15.3124)
contains.

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Color

**XYZ(16.4835, 10.5065,
15.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	943B6C
RGB	148, 59, 108
RGB Percent	58%, 23%, 42%
CMY	0.4196, 0.7686, 0.5765
CMYK	0.00, 0.60, 0.27, 0.42
HSL	327°, 43%, 41%
HSV	327°, 60%, 58%
XYZ	16.4835, 10.5065, 15.3465
YIQ	91.1970, 37.3150, 34.1070

Conversions

Conversions Part 2

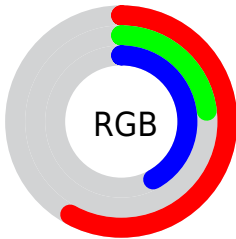
Format	Color
R_{YB}	148, 59, 108
Decimal	9714540
CIE _{Lab}	38.74, 42.90, -9.71
CIE _{LCh}	39, 43.982, 347.246
Yxy	10.5065, 0.3893, 0.2482
Android (android.graphics.Color)	4287904620 (0xFF943B6C)
YUV	91.1970, 8.2839, 49.8162
Hunter-Lab	32.4137, 34.0494, -5.3816

Details

The XYZ color **16.4835, 10.5065, 15.3465** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.6462, 23.0109, 15.4751**, and the grayscale version is **9.9649, 10.4838, 11.4169**.

A 20% lighter version of the original color is **36.8443, 26.7095, 36.0144**, and **5.4584, 2.7166, 4.6515** is the 20% darker color. If you saturate the color by 10%, you get **15.4872, 9.0590, 13.3339**, and if you desaturate by 10%, it is **17.7231, 12.3972, 17.5737**.

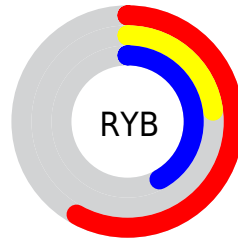
Distribution



Red (58%)

Green (23%)

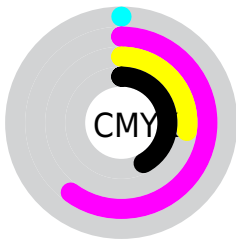
Blue (42%)



Red (58%)

Yellow (23%)

Blue (42%)

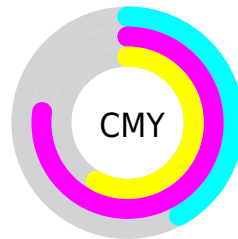


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (77%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4835, 10.5065, 15.3465 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 16.4835, 10.5065, 15.3465 by changing the saturation by 10% instead.

■ 16.4835, 10.5065,
15.3465

■ 16.4835, 10.5065,
15.3465

■ 225.3928,
194.2498, 237.1666

■ 9.9599, 5.7361,
8.9136

■ 36.9863, 26.7439,
36.2108

■ 5.4345, 2.6853,
4.5888

■ 51.6962, 38.9797,
51.4792

■ 2.5417, 0.9697,
1.9536

■ 69.8656, 54.4727,
70.5300

■ 0.9163, 0.0000,
0.5265

■ 91.8599, 73.6073,
93.7815

■ 0.0000, 0.0000,
0.0000

■ 118.0445, 96.7679,
121.6524

■ 148.7845,

124.3389, 154.5612

184.4455,
156.7048, 192.9264

■ 16.4835, 10.5065,
15.3465

■ 16.4835, 10.5065,
15.3465

■ 15.4872, 9.0590,
13.3339

■ 17.7231, 12.3972,
17.5737

■ 14.7139, 8.0153,
11.5258

■ 19.2223, 14.7630,
20.0236

■ 14.1414, 7.3318,
9.9120

■ 20.9968, 17.6345,
22.7042

■ 13.7161, 6.8973,
8.4877

■ 23.0610, 21.0393,
25.6229

■ 25.4281, 25.0031,
28.7869

■ 28.1105, 29.5498,
32.2028

■ 31.1198, 34.7021,
35.8769

■ 34.4672, 40.4812,
39.8155

■ 38.1631, 46.9075,
44.0243

Harmonies

Analogous

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



14.6738, 10.5065, 26.0950



16.4835, 10.5065, 15.3465



16.3258, 10.5065, 7.3228

Triad

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



16.4835, 10.5065, 15.3465



8.4202, 10.5065, 1.9547



6.6544, 10.5065, 27.6616

Complementary

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



16.4835, 10.5065, 15.3465



14.6462, 23.0109, 15.4751

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.



5.5457, 10.5065, 16.8672



16.4835, 10.5065, 15.3465



6.4210, 10.5065, 3.6549

Square

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



16.4835, 10.5065, 15.3465



11.2705, 10.5065, 1.8565



5.4695, 10.5065, 8.2597



8.8032, 10.5065, 35.2048

Rectangle

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



16.4835, 10.5065, 15.3465



15.1242, 10.5065, 4.2332



5.4695, 10.5065, 8.2597



6.1675, 10.5065, 24.1076

Sweetspot

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



16.4838, 10.5070, 15.3467



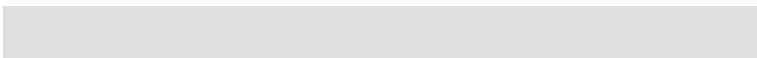
41.3906, 38.2894, 46.1679



11.9002, 7.8393, 28.9031



9.2082, 8.3407, 10.2098



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.



16.4838, 10.5070, 15.3467



26.8335, 15.3000, 22.4332



14.7293, 9.8052, 6.1078



5.9264, 5.8656, 6.7184



11.7295, 5.8969, 7.3228



0.1584, 0.0781, 0.1680

Inverse Universe

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



16.4838, 10.5070, 15.3467



26.8335, 15.3000, 22.4332



17.2814, 24.0649, 29.3519



5.9264, 5.8656, 6.7184



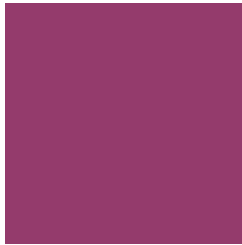
11.7295, 5.8969, 7.3228



0.1584, 0.0781, 0.1680

Previews

White Background



This preview shows how the XYZ color 16.4835, 10.5065, 15.3465 looks on a white background.

Color Contrast Check

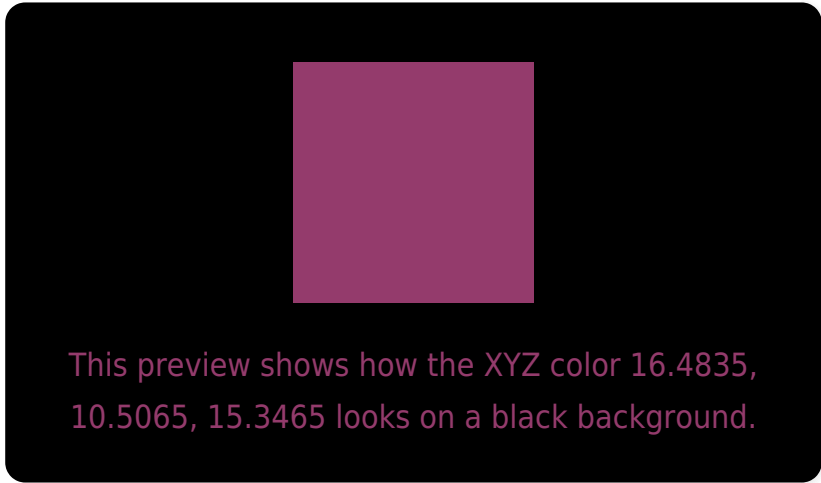
Large Text (above 18pt) WCAG AA ✓ Pass

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

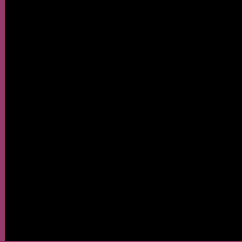
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4835, 10.5065, 15.3465

Background



This preview shows how black text looks on a background with the XYZ color 16.4835, 10.5065, 15.3465.



This preview shows how white text looks on a background with the XYZ color 16.4835, 10.5065,

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

16.4835, 10.5065, 15.3465

Protanopia

11.0786, 10.7994, 22.6197

Deuteranopia

10.9282, 10.7784, 14.3364



Tritanopia

14.8539, 10.5019, 7.3751

Trichromacy



Original Color

16.4835, 10.5065, 15.3465

Protanomaly

12.1345, 10.0004, 19.7031

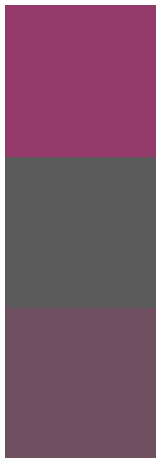
Deuteranomaly

12.4160, 10.2567, 14.6900

Tritanomaly

15.3271, 10.4337, 9.8004

Monochromacy



Original Color

16.4835, 10.5065, 15.3465

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.6357, 9.8998, 12.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4835, 10.5065, 15.3465 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, 59, 108)` looks like.

```
.text, #text, p{  
  color:rgb(148, 59, 108)  
}
```

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, 59, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 59, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.4835, 10.5065, 15.3465 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, 59, 108) }
```


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

```
.border{ border-color:rgb(148, 59, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 59, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 59, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 59, 108); box-shadow:4px 4px 4px 4px rgb(148, 59, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4835, 10.5065, 15.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 59, 108) }
```

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

```
.background{ background-color: rgb(148, 59,  
108) }
```

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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