

Converting Colors

XYZ(15.6361, 10.8303, 13.0785)

Have a look what the booklet for
XYZ(15.6361, 10.8303, 13.0785)
contains.

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Color

**XYZ(15.6469, 10.8747,
13.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4463
RGB	143, 68, 99
RGB Percent	56%, 27%, 39%
CMY	0.4392, 0.7333, 0.6118
CMYK	0.00, 0.52, 0.31, 0.44
HSL	335°, 36%, 41%
HSV	335°, 52%, 56%
XYZ	15.6469, 10.8747, 13.0787
YIQ	93.9590, 34.7490, 25.5410

Conversions

Conversions Part 2

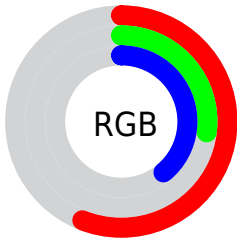
Format	Color
R_{YB}	143, 68, 99
Decimal	9389155
CIE _{Lab}	39.37, 35.37, -3.22
CIE _{LCh}	39, 35.519, 354.803
Yxy	10.8747, 0.3951, 0.2746
Android (android.graphics.Color)	4287579235 (0xFF8F4463)
YUV	93.9590, 2.4852, 43.0090
Hunter-Lab	32.9768, 26.9856, -0.4308

Details

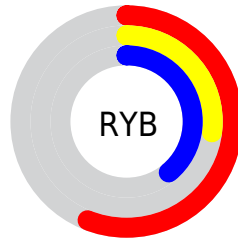
The XYZ color **15.6469, 10.8747, 13.0787** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.1315, 22.0439, 18.7877**, and the grayscale version is **10.6185, 11.1715, 12.1658**.

A 20% lighter version of the original color is **35.6550, 27.5378, 32.2903**, and **5.0754, 2.8633, 3.6533** is the 20% darker color. If you saturate the color by 10%, you get **14.5047, 9.1991, 10.8208**, and if you desaturate by 10%, it is **17.0424, 12.9900, 15.6268**.

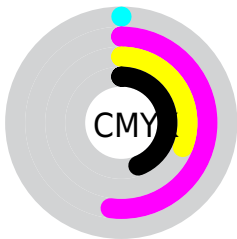
Distribution



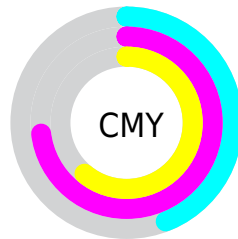
- Red (56%)
- Green (27%)
- Blue (39%)



- Red (56%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6469, 10.8747, 13.0787 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 15.6469, 10.8747, 13.0787 by changing the saturation by 10% instead.

■ 15.6469, 10.8747,
13.0787

■ 15.6469, 10.8747,
13.0787

220.5606,
196.8059, 222.6469

■ 9.3639, 5.9826,
7.3514

■ 35.5465, 27.4282,
32.1384

■ 5.0383, 2.8345,
3.6011

■ 49.8939, 39.8585,
46.3078

■ 2.3047, 1.0460,
1.4091

■ 67.6600, 55.5703,
64.1284

■ 0.7971, 0.0000,
0.1488

■ 89.2104, 74.9480,
86.0186

■ 0.0000, 0.0000,
0.0000

■ 114.9102, 98.3760,
112.3970

145.1250,

126.2387, 143.6822

180.2200,
158.9206, 180.2926

■ 15.6469, 10.8747,
13.0787

■ 15.6469, 10.8747,
13.0787

■ 14.5047, 9.1991,
10.8208

■ 17.0424, 12.9900,
15.6268

■ 13.5980, 7.9299,
8.8407

■ 18.7055, 15.5719,
18.4757

■ 12.9079, 7.0315,
7.1257

■ 20.6505, 18.6471,
21.6359

■ 12.4121, 6.4613,
5.6613

■ 22.8904, 22.2399,
25.1173

■ 12.1198, 6.1565,
4.7012

■ 25.4374, 26.3728,
28.9292

■ 28.3029, 31.0670,
33.0806

■ 31.4977, 36.3426,
37.5801

■ 35.0323, 42.2188,
42.4359

■ 38.9164, 48.7137,
47.6561

Harmonies

Analogous

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



14.5845, 10.8747, 21.2093



15.6469, 10.8747, 13.0787



15.1168, 10.8747, 7.1166

Triad

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



15.6469, 10.8747, 13.0787



8.5185, 10.8747, 3.4391



7.8977, 10.8747, 26.2579

Complementary

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



15.6469, 10.8747, 13.0787



15.1315, 22.0439, 18.7877

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.



6.6873, 10.8747, 18.2956



15.6469, 10.8747, 13.0787



7.0049, 10.8747, 5.7396

Square

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



15.6469, 10.8747, 13.0787



10.7598, 10.8747, 2.9531



6.3877, 10.8747, 10.6834



9.9237, 10.8747, 30.4829

Rectangle

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



15.6469, 10.8747, 13.0787



13.9685, 10.8747, 4.7557



6.3877, 10.8747, 10.6834



7.3952, 10.8747, 23.8095

Sweetspot

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



15.6472, 10.8752, 13.0789



39.3672, 37.2103, 42.4842



13.6758, 9.5464, 27.1084



8.8595, 8.2631, 9.4812



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.



15.6472, 10.8752, 13.0789



25.6379, 15.9913, 18.6718



14.8370, 11.1886, 6.8471



5.4955, 5.4587, 6.1074



10.7262, 5.4475, 4.2094



0.1131, 0.0563, 0.0957

Inverse Universe

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



15.6472, 10.8752, 13.0789



25.6379, 15.9913, 18.6718



16.2523, 21.0327, 29.1897



5.4955, 5.4587, 6.1074



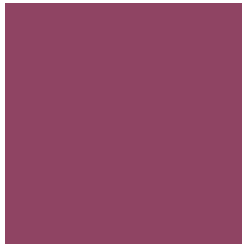
10.7262, 5.4475, 4.2094



0.1131, 0.0563, 0.0957

Previews

White Background



This preview shows how the XYZ color 15.6469, 10.8747, 13.0787 looks on a white background.

Color Contrast Check

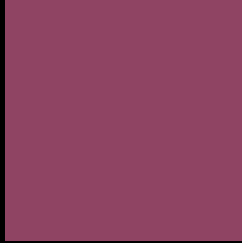
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6469, 10.8747, 13.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

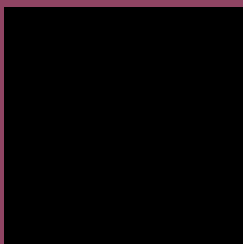
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6469, 10.8747, 13.0787

Background



This preview shows how black text looks on a background with the XYZ color 15.6469, 10.8747, 13.0787.



This preview shows how white text looks on a background with the XYZ color 15.6469, 10.8747,

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

15.6469, 10.8747, 13.0787

Protanopia

10.9462, 10.9668, 17.7595

Deuteranopia

11.0886, 10.9053, 12.3470



Tritanopia

14.6414, 10.8333, 8.3405

Trichromacy



Original Color

15.6469, 10.8747, 13.0787

Protanomaly

12.0379, 10.4788, 15.8561

Deuteranomaly

12.3311, 10.5921, 12.4609

Tritanomaly

15.0483, 10.9131, 9.9076

Monochromacy



Original Color

15.6469, 10.8747, 13.0787

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0419, 10.7863, 12.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6469, 10.8747, 13.0787 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(143, 68, 99)` looks like.

```
.text, #text, p{  
    color:rgb(143, 68, 99)  
}
```

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(143, 68, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 68, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.6469, 10.8747, 13.0787 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(143, 68, 99) }
```


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

```
.border{ border-color:rgb(143, 68, 99) }
```

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

Here you see how a box with a 4 pixel rgb(143, 68, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 68, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 68, 99);  
box-shadow:4px 4px 4px 4px rgb(143, 68,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6469, 10.8747, 13.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 68, 99) }
```

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

```
.background{ background-color: rgb(143, 68,  
99) }
```

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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