

Converting Colors

XYZ(18.3669, 14.3207, 14.6621)

Have a look what the booklet for
XYZ(18.3669, 14.3207, 14.6621)
contains.

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Color

**XYZ(18.3323, 14.3483,
14.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	955867
RGB	149, 88, 103
RGB Percent	58%, 35%, 40%
CMY	0.4157, 0.6549, 0.5961
CMYK	0.00, 0.41, 0.31, 0.42
HSL	345°, 26%, 46%
HSV	345°, 41%, 58%
XYZ	18.3323, 14.3483, 14.6352
YIQ	107.9490, 31.5410, 17.5970

Conversions

Conversions Part 2

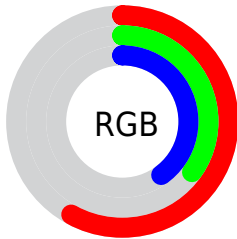
Format	Color
R_{YB}	149, 88, 103
Decimal	9787495
CIE _{Lab}	44.73, 27.13, 2.25
CIE _{LCh}	45, 27.221, 4.751
Yxy	14.3483, 0.3874, 0.3032
Android (android.graphics.Color)	4287977575 (0xFF955867)
YUV	107.9490, -2.4399, 36.0017
Hunter-Lab	37.8791, 20.0998, 3.6078

Details

The XYZ color **18.3323, 14.3483, 14.6352** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0757, 25.2911, 26.4319**, and the grayscale version is **14.2404, 14.9820, 16.3154**.

A 20% lighter version of the original color is **40.2422, 33.7775, 34.9706**, and **6.2965, 4.2899, 4.2376** is the 20% darker color. If you saturate the color by 10%, you get **16.7053, 11.9369, 11.4947**, and if you desaturate by 10%, it is **20.2859, 17.2913, 18.2588**.

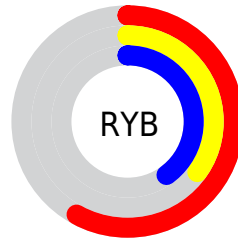
Distribution



Red (58%)

Green (35%)

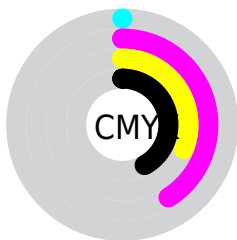
Blue (40%)



Red (58%)

Yellow (35%)

Blue (40%)

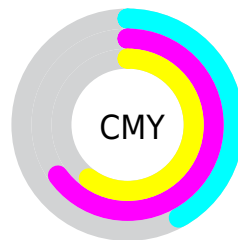


Cyan (0%)

Magenta (41%)

Yellow (31%)

Black (42%)



Cyan (42%)


Magenta (65%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3323, 14.3483, 14.6352 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 18.3323, 14.3483, 14.6352 by changing the saturation by 10% instead.


 18.3323, 14.3483,
14.6352


 18.3323, 14.3483,
14.6352


235.7470,
219.3870, 232.7116


 11.2900, 8.3633,
8.4200


 40.1284, 33.7058,
34.9451


 6.3309, 4.3283,
4.2732


 55.6129, 47.8470,
49.8769


 3.0899, 1.8588,
1.7764

 74.6421, 65.4759,
68.5514

 1.2015, 0.5235,
0.4123

 97.5814, 86.9766,
91.3869

 0.1075, 0.0000,
0.0000

 124.7962,
112.7337, 118.8022

 0.0000, 0.0000,
0.0000

156.6519,

143.1315, 151.2157

193.5136,
178.5545, 189.0460

■ 18.3323, 14.3483,
14.6352

■ 18.3323, 14.3483,
14.6352

■ 16.7053, 11.9369,
11.4947

■ 20.2859, 17.2913,
18.2588

■ 15.3853, 10.0233,
8.8157

■ 22.5819, 20.7932,
22.3845

■ 14.3526, 8.5728,
6.5758

■ 25.2361, 24.8816,
27.0308

■ 13.5844, 7.5454,
4.7506


■ 28.2635, 29.5819,
32.2154


■ 13.0543, 6.8942,
3.3127


■ 31.6778, 34.9179,
37.9550

 12.7226, 6.5208,
2.3083

 35.4921, 40.9120,
44.2655

 39.7191, 47.5859,
51.1623

 44.3706, 54.9598,
58.6601

 49.4582, 63.0534,
66.7731

Harmonies

Analogous

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



17.8591, 14.3483, 21.4182



18.3323, 14.3483, 14.6352



17.4406, 14.3483, 9.6557

Triad

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



18.3323, 14.3483, 14.6352



11.3533, 14.3483, 7.5975



11.9021, 14.3483, 29.4385

Complementary

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



18.3323, 14.3483, 14.6352



19.0757, 25.2911, 26.4319

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.



10.4320, 14.3483, 23.6486



18.3323, 14.3483, 14.6352



10.1400, 14.3483, 10.9804

Square

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



18.3323, 14.3483, 14.6352



13.2883, 14.3483, 6.3541



9.8218, 14.3483, 16.6540



13.9931, 14.3483, 31.1840

Rectangle

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



18.3323, 14.3483, 14.6352



16.2435, 14.3483, 7.6351



9.8218, 14.3483, 16.6540



11.3265, 14.3483, 27.8361

Sweetspot

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



18.3327, 14.3490, 14.6355



44.5361, 43.5417, 47.2672



18.7068, 14.1980, 30.1883



9.7448, 9.4564, 10.2578



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.



18.3327, 14.3490, 14.6355



30.1677, 21.7456, 21.0798



19.0315, 16.8452, 11.4818



5.8558, 5.8374, 6.3468



10.7183, 5.4924, 1.9976



0.1414, 0.0713, 0.0783

Inverse Universe

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



18.3327, 14.3490, 14.6355



30.1677, 21.7456, 21.0798



17.9404, 21.2263, 31.5852



5.8558, 5.8374, 6.3468



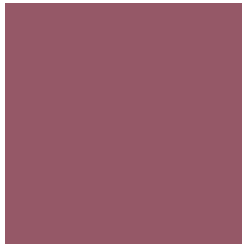
10.7183, 5.4924, 1.9976



0.1414, 0.0713, 0.0783

Previews

White Background



This preview shows how the XYZ color 18.3323, 14.3483, 14.6352 looks on a white background.

Color Contrast Check

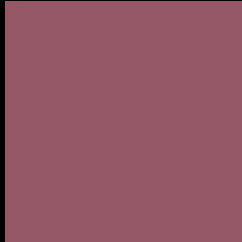
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3323, 14.3483, 14.6352 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 18.3323, 14.3483, 14.6352

Background



This preview shows how black text looks on a background with the XYZ color 18.3323, 14.3483, 14.6352.



This preview shows how white text looks on a background with the XYZ color 18.3323, 14.3483,

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

18.3323, 14.3483, 14.6352

Protanopia

14.0785, 14.5645, 17.6920

Deuteranopia

14.7582, 14.5425, 14.0857



Tritanopia

17.8964, 14.2852, 12.8804

Trichromacy



Original Color

18.3323, 14.3483, 14.6352

Protanomaly

15.2482, 14.1654, 16.3985

Deuteranomaly

15.9226, 14.4208, 14.2562

Tritanomaly

18.0373, 14.3415, 13.6219

Monochromacy



Original Color

18.3323, 14.3483, 14.6352

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.4236, 14.5589, 15.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3323, 14.3483, 14.6352 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(149, 88, 103)` looks like.

```
.text, #text, p{  
  color:rgb(149, 88, 103)  
}
```

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(149, 88, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 88, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.3323, 14.3483, 14.6352 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(149, 88, 103) }
```


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

```
.border{ border-color:rgb(149, 88, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 88, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 88, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 88, 103);  
box-shadow:4px 4px 4px 4px rgb(149, 88,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3323, 14.3483, 14.6352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 88, 103) }
```

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

```
.background{ background-color: rgb(149, 88,  
103) }
```

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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