

Converting Colors

XYZ(19.4149, 15.9632, 15.3978)

Have a look what the booklet for
XYZ(19.4149, 15.9632, 15.3978)
contains.

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Color

**XYZ(19.3104, 15.8697,
15.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	966069
RGB	150, 96, 105
RGB Percent	59%, 38%, 41%
CMY	0.4118, 0.6235, 0.5882
CMYK	0.00, 0.36, 0.30, 0.41
HSL	350°, 22%, 48%
HSV	350°, 36%, 59%
XYZ	19.3104, 15.8697, 15.4100
YIQ	113.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

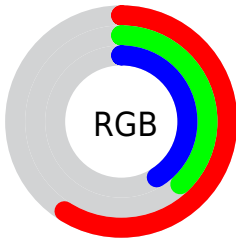
Format	Color
R_{YB}	150, 96, 105
Decimal	9855081
CIE _{Lab}	46.80, 23.23, 4.05
CIE _{LCh}	47, 23.585, 9.900
Yxy	15.8697, 0.3817, 0.3137
Android (android.graphics.Color)	4288045161 (0xFF966069)
YUV	113.1720, -4.0288, 32.2982
Hunter-Lab	39.8368, 16.8113, 4.9507

Details

The XYZ color **19.3104, 15.8697, 15.4100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5387, 26.2231, 29.1798**, and the grayscale version is **15.7530, 16.5733, 18.0484**.

A 20% lighter version of the original color is **41.6113, 36.2469, 36.2557**, and **6.7504, 4.9608, 4.6047** is the 20% darker color. If you saturate the color by 10%, you get **17.4742, 13.1510, 11.8576**, and if you desaturate by 10%, it is **21.5031, 19.1500, 19.5476**.

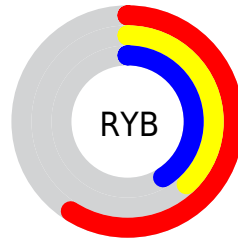
Distribution



Red (59%)

Green (38%)

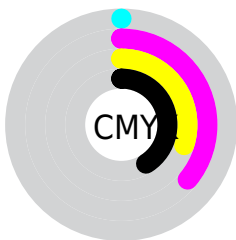
Blue (41%)



Red (59%)

Yellow (38%)

Blue (41%)

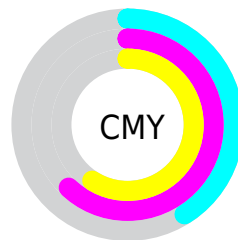


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (41%)



Cyan (41%)


Magenta (62%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.3104, 15.8697, 15.4100 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 19.3104, 15.8697, 15.4100 by changing the saturation by 10% instead.


 19.3104, 15.8697,
15.4100


 19.3104, 15.8697,
15.4100


241.0624,
228.5716, 237.5603


 12.0001, 9.4320,
8.9578


 41.7708, 36.3719,
36.3233


 6.8160, 5.0240,
4.6172


 57.6516, 51.2051,
51.6215

 3.3926, 2.2614,
1.9697

 77.1199, 69.6056,
70.7054

 1.3646, 0.7531,
0.5366

 100.5412, 91.9579,
93.9936

 0.2308, 0.0000,
0.0000

128.2807,
118.6462, 121.9047

 0.0000, 0.0000,
0.0000

160.7038,

150.0550, 154.8571

198.1759,
186.5687, 193.2695

■ 19.3104, 15.8697,
15.4100

■ 19.3104, 15.8697,
15.4100

■ 17.4742, 13.1510,
11.8576

■ 21.5031, 19.1500,
19.5476

■ 15.9741, 10.9601,
8.8629

■ 24.0685, 23.0186,
24.2944

■ 14.7899, 9.2633,
6.3974

■ 27.0236, 27.5032,
29.6740


■ 13.8983, 8.0219,
4.4300


■ 30.3836, 32.6291,
35.7086


■ 13.2729, 7.1913,
2.9259


■ 34.1633, 38.4202,
42.4195


 12.8772, 6.7081,
1.8441

 38.3763, 44.8991,
49.8266

 12.7532, 6.5542,
1.5122

 43.0360, 52.0876,
57.9493

 48.1550, 60.0061,
66.8062

 53.7454, 68.6745,
76.4151

Harmonies

Analogous

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



19.0973, 15.8697, 21.4575



19.3104, 15.8697, 15.4100



18.3149, 15.8697, 11.0016

Triad

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



19.3104, 15.8697, 15.4100



12.6935, 15.8697, 9.9840



13.7689, 15.8697, 30.1996

Complementary

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



19.3104, 15.8697, 15.4100



20.5387, 26.2231, 29.1798

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.



12.2567, 15.8697, 25.5811



19.3104, 15.8697, 15.4100



11.6759, 15.8697, 13.6822

Square

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



19.3104, 15.8697, 15.4100



14.4160, 15.8697, 8.3724



11.5236, 15.8697, 19.2942



15.7717, 15.8697, 30.9598

Rectangle

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



19.3104, 15.8697, 15.4100



17.1486, 15.8697, 9.2361



11.5236, 15.8697, 19.2942



13.1916, 15.8697, 29.0043

Sweetspot

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



19.3108, 15.8705, 15.4103



44.8811, 44.2677, 47.2710



20.6730, 16.2313, 30.8977



9.8090, 9.6021, 10.2256



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.



19.3108, 15.8705, 15.4103



31.4835, 24.1597, 22.1893



20.7069, 19.3639, 13.7135



5.8379, 5.8302, 6.2525



10.5857, 5.4394, 1.2996



0.1370, 0.0695, 0.0550

Inverse Universe

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



19.3108, 15.8705, 15.4103



31.4835, 24.1597, 22.1893



18.5808, 21.1920, 31.9655



5.8379, 5.8302, 6.2525



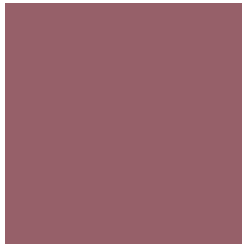
10.5857, 5.4394, 1.2996



0.1370, 0.0695, 0.0550

Previews

White Background



This preview shows how the XYZ color 19.3104, 15.8697, 15.4100 looks on a white background.

Color Contrast Check

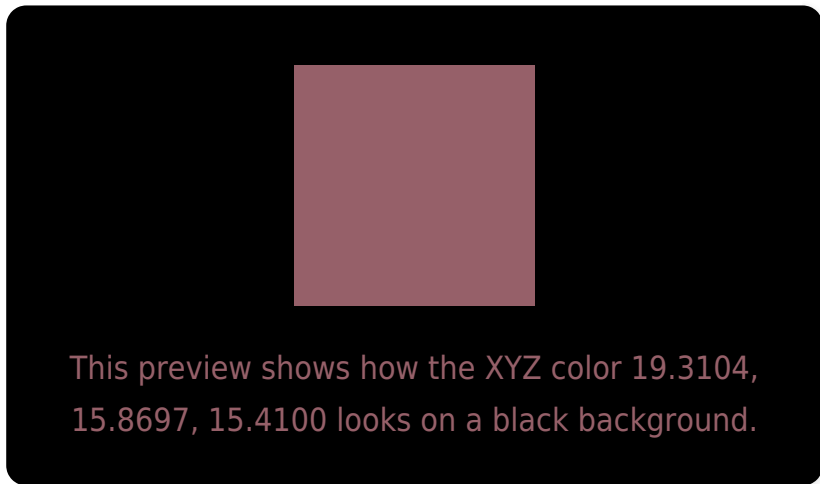
Large Text (above 18pt) WCAG AA ✓ Pass

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

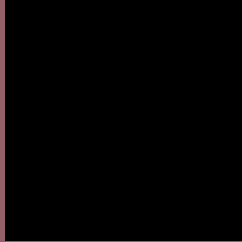
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.3104, 15.8697, 15.4100

Background



This preview shows how black text looks on a background with the XYZ color 19.3104, 15.8697, 15.4100.



This preview shows how white text looks on a background with the XYZ color 19.3104, 15.8697,

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

19.3104, 15.8697, 15.4100

Protanopia

15.4751, 16.0718, 17.9093

Deuteranopia

16.1633, 15.8546, 15.0403



Tritanopia

19.2087, 15.8290, 14.8749

Trichromacy



Original Color

19.3104, 15.8697, 15.4100

Protanomaly

16.5727, 15.8695, 16.9415

Deuteranomaly

17.1805, 15.7683, 15.2348

Tritanomaly

19.2592, 15.8492, 15.1408

Monochromacy



Original Color

19.3104, 15.8697, 15.4100

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6764, 16.0768, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3104, 15.8697, 15.4100 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(150, 96, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 96, 105)  
}
```

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(150, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 96, 105) }
```

Border

The CSS property to change the border of an element to XYZ 19.3104, 15.8697, 15.4100 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(150, 96, 105) }
```


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

```
.border{ border-color:rgb(150, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 96, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 96, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 96,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3104, 15.8697, 15.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 96, 105) }
```

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

```
.background{ background-color: rgb(150, 96,  
105) }
```

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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