

Converting Colors

XYZ(19.4293, 15.5559, 19.5601)

Have a look what the booklet for
XYZ(19.4293, 15.5559, 19.5601)
contains.

XYZ(19.3651, 15.5404, 19.4317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3651, 15.5404,
19.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	935E77
RGB	147, 94, 119
RGB Percent	58%, 37%, 47%
CMY	0.4235, 0.6314, 0.5333
CMYK	0.00, 0.36, 0.19, 0.42
HSL	332°, 22%, 47%
HSV	332°, 36%, 58%
XYZ	19.3651, 15.5404, 19.4317
YIQ	112.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

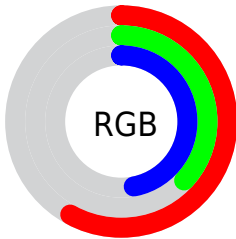
Format	Color
R_{YB}	147, 94, 119
Decimal	9657975
CIE Lab	46.37, 25.40, -5.08
CIE LCh	46, 25.899, 348.699
Yxy	15.5404, 0.3564, 0.2860
Android (android.graphics.Color)	4287848055 (0xFF935E77)
YUV	112.6970, 3.1074, 30.0837
Hunter-Lab	39.4213, 18.6980, -1.6305

Details

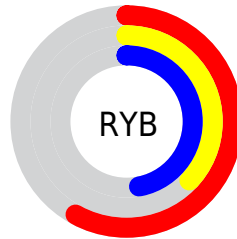
The XYZ color **19.3651, 15.5404, 19.4317** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5634, 24.6527, 22.1936**, and the grayscale version is **15.5930, 16.4050, 17.8651**.

A 20% lighter version of the original color is **41.8332, 35.7476, 43.2232**, and **6.8336, 4.8418, 6.5356** is the 20% darker color. If you saturate the color by 10%, you get **17.7328, 12.9919, 16.6797**, and if you desaturate by 10%, it is **21.2854, 18.6036, 22.4682**.

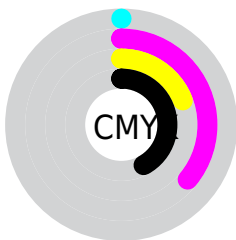
Distribution



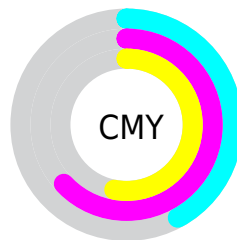
- Red (58%)
- Green (37%)
- Blue (47%)



- Red (58%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3651, 15.5404, 19.4317 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 19.3651, 15.5404, 19.4317 by changing the saturation by 10% instead.

■ 19.3651, 15.5404,
19.4317

■ 19.3651, 15.5404,
19.4317

241.3566,
226.6142, 261.3234

■ 12.0400, 9.1995,
11.8027

■ 41.8622, 35.7985,
43.3087

■ 6.8433, 4.8716,
6.4885

■ 57.7650, 50.4844,
60.3937

■ 3.4097, 2.1721,
3.0708

■ 77.2576, 68.7209,
81.4678

■ 1.3740, 0.7047,
1.1309

■ 100.7054, 90.8922,
106.9495

■ 0.2376, 0.0000,
0.0000

128.4739,
117.3828, 137.2574

■ 0.0000, 0.0000,
0.0000

160.9284,

148.5771, 172.8100

198.4341,
184.8594, 214.0258

■ 19.3651, 15.5404,
19.4317

■ 19.3651, 15.5404,
19.4317

■ 17.7328, 12.9919,
16.6797

■ 21.2854, 18.6036,
22.4682

■ 16.3720, 10.9270,
14.2016

■ 23.5063, 22.2056,
25.7971

■ 15.2668, 9.3151,
11.9877


■ 26.0412, 26.3720,
29.4273


■ 14.3985, 8.1207,
10.0269


■ 28.9023, 31.1256,
33.3669


■ 13.7460, 7.3030,
8.3071


■ 32.1011, 36.4885,
37.6236


 13.2785, 6.8022,
6.8129

 35.6487, 42.4812,
42.2050

 13.1173, 6.6369,
6.2746

 39.5555, 49.1234,
47.1182

 43.8315, 56.4341,
52.3702

 48.4862, 64.4312,
57.9678

Harmonies

Analogous

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



18.2157, 15.5404, 26.3415



19.3651, 15.5404, 19.4317



19.1948, 15.5404, 13.2959

Triad

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



19.3651, 15.5404, 19.4317



13.4438, 15.5404, 7.7808



12.1283, 15.5404, 27.8685

Complementary

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



19.3651, 15.5404, 19.4317



18.5634, 24.6527, 22.1936

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.



11.0846, 15.5404, 21.1512



19.3651, 15.5404, 19.4317



11.7900, 15.5404, 10.0659

Square

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



19.3651, 15.5404, 19.4317



15.6232, 15.5404, 7.5401



10.9673, 15.5404, 14.6362



13.9498, 15.5404, 31.9653

Rectangle

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



19.3651, 15.5404, 19.4317



18.3594, 15.5404, 10.3698



10.9673, 15.5404, 14.6362



11.6831, 15.5404, 25.7744

Sweetspot

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



19.3655, 15.5411, 19.4320



44.2154, 43.2388, 49.2678



17.2088, 14.2056, 29.4388



9.9689, 9.6660, 11.0678



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.



19.3655, 15.5411, 19.4320



32.3483, 24.1806, 30.8969



18.1353, 15.1754, 12.5639



5.9078, 5.8582, 6.6208



11.3843, 5.7588, 5.5047



0.1540, 0.0764, 0.1448

Inverse Universe

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



19.3655, 15.5411, 19.4320



32.3483, 24.1806, 30.8969



20.1799, 25.0804, 31.3813



5.9078, 5.8582, 6.6208



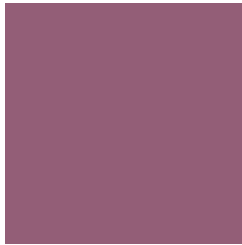
11.3843, 5.7588, 5.5047



0.1540, 0.0764, 0.1448

Previews

White Background



This preview shows how the XYZ color 19.3651, 15.5404, 19.4317 looks on a white background.

Color Contrast Check

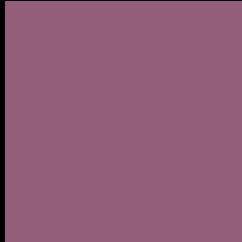
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3651, 15.5404, 19.4317 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 19.3651, 15.5404, 19.4317

Background



This preview shows how black text looks on a background with the XYZ color 19.3651, 15.5404, 19.4317.



This preview shows how white text looks on a background with the XYZ color 19.3651, 15.5404,

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

19.3651, 15.5404, 19.4317

Protanopia

15.4945, 15.6481, 22.9726

Deuteranopia

15.9398, 15.6513, 19.0105



Tritanopia

18.4504, 15.5686, 15.1293

Trichromacy



Original Color

19.3651, 15.5404, 19.4317

Protanomaly

16.6780, 15.5189, 21.5185

Deuteranomaly

17.0746, 15.4779, 19.2271

Tritanomaly

18.7972, 15.5809, 16.4847

Monochromacy



Original Color

19.3651, 15.5404, 19.4317

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7060, 15.9058, 18.4093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3651, 15.5404, 19.4317 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(147, 94, 119)` looks like.

```
.text, #text, p{  
    color:rgb(147, 94, 119)  
}
```

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(147, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 94, 119) }
```

Border

The CSS property to change the border of an element to XYZ 19.3651, 15.5404, 19.4317 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(147, 94, 119) }
```


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

```
.border{ border-color:rgb(147, 94, 119) }
```

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

Here you see how a box with a 4 pixel rgb(147, 94, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(147, 94,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3651, 15.5404, 19.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 94, 119) }
```

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

```
.background{ background-color: rgb(147, 94,  
119) }
```

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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