

Converting Colors

XYZ(19.4730, 15.6079, 13.4146)

Have a look what the booklet for
XYZ(19.4730, 15.6079, 13.4146)
contains.

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Color

**XYZ(19.3984, 15.5618,
13.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5D61
RGB	154, 93, 97
RGB Percent	60%, 36%, 38%
CMY	0.3961, 0.6353, 0.6196
CMYK	0.00, 0.40, 0.37, 0.40
HSL	356°, 25%, 48%
HSV	356°, 40%, 60%
XYZ	19.3984, 15.5618, 13.2906
YIQ	111.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

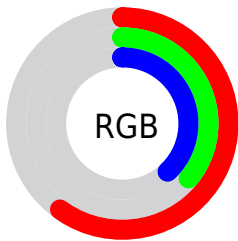
Format	Color
RYB	154, 93, 97
Decimal	10116449
CIELab	46.39, 25.44, 8.37
CIELCh	46, 26.782, 18.202
Yxy	15.5618, 0.4020, 0.3225
Android (android.graphics.Color)	4288306529 (0xFF9A5D61)
YUV	111.6950, -7.2446, 37.1015
Hunter-Lab	39.4484, 18.7409, 7.6385

Details

The XYZ color **19.3984, 15.5618, 13.2906** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5755, 27.6406, 33.0536**, and the grayscale version is **15.3255, 16.1236, 17.5586**.

A 20% lighter version of the original color is **41.8969, 35.7863, 32.7162**, and **6.9028, 4.8825, 3.7106** is the 20% darker color. If you saturate the color by 10%, you get **17.5690, 12.8813, 9.6652**, and if you desaturate by 10%, it is **21.6226, 18.8370, 17.6485**.

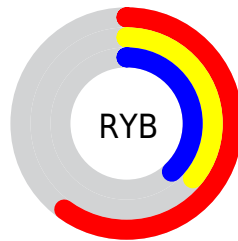
Distribution



Red (60%)

Green (36%)

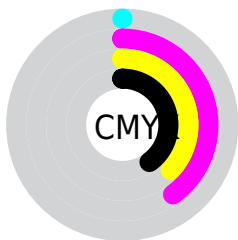
Blue (38%)



Red (60%)

Yellow (36%)

Blue (38%)

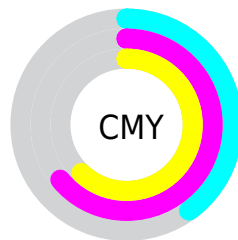


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (40%)



Cyan (40%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3984, 15.5618, 13.2906 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 19.3984, 15.5618, 13.2906 by changing the saturation by 10% instead.

■ 19.3984, 15.5618,
13.2906

■ 19.3984, 15.5618,
13.2906

241.5355,
226.7419, 224.0446

■ 12.0642, 9.2146,
7.4959

■ 41.9179, 35.8358,
32.5237

■ 6.8599, 4.8814,
3.6910

■ 57.8340, 50.5314,
46.7991

■ 3.4202, 2.1779,
1.4574

■ 77.3413, 68.7785,
64.7386

■ 1.3797, 0.7079,
0.1859

■ 100.8054, 90.9617,
86.7606

■ 0.2417, 0.0000,
0.0000

128.5915,
117.4652, 113.2836

■ 0.0000, 0.0000,
0.0000

161.0649,

148.6735, 144.7263

198.5912,
184.9709, 181.5071

■ 19.3984, 15.5618,
13.2906

■ 19.3984, 15.5618,
13.2906

■ 17.5690, 12.8813,
9.6652

■ 21.6226, 18.8370,
17.6485

■ 16.1102, 10.7576,
6.7312

■ 24.2614, 22.7371,
22.7752

■ 14.9969, 9.1522,
4.4450


■ 27.3351, 27.2931,
28.7055


■ 14.2005, 8.0206,
2.7573


■ 30.8619, 32.5332,
35.4720


■ 13.6877, 7.3111,
1.6121


■ 34.8592, 38.4840,
43.1052


 13.3913, 6.9065,
0.9335

 39.3434, 45.1707,
51.6344

 13.3816, 6.8921,
0.9148

 44.3302, 52.6172,
61.0873

 49.8345, 60.8464,
71.4905

 55.8706, 69.8802,
82.8695

Harmonies

Analogous

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



19.5519, 15.5618, 19.6657



19.3984, 15.5618, 13.2906



17.9361, 15.5618, 9.1524

Triad

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



19.3984, 15.5618, 13.2906



11.7353, 15.5618, 9.8315



13.9058, 15.5618, 32.5962

Complementary

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



19.3984, 15.5618, 13.2906



21.5755, 27.6406, 33.0536

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.



12.0370, 15.5618, 28.2379



19.3984, 15.5618, 13.2906



10.8735, 15.5618, 14.4860

Square

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



19.3984, 15.5618, 13.2906



13.4532, 15.5618, 7.5412



10.9779, 15.5618, 21.2125



16.2147, 15.5618, 32.0336

Rectangle

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



19.3984, 15.5618, 13.2906



16.4934, 15.5618, 7.7007



10.9779, 15.5618, 21.2125



13.2100, 15.5618, 31.6200

Sweetspot

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



19.3988, 15.5626, 13.2909



48.1078, 47.2824, 49.1644



22.3129, 16.6403, 32.6076



10.7350, 10.4738, 10.8314



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.3988, 15.5626, 13.2909



32.1093, 23.6827, 17.9436



21.9511, 20.9580, 13.2453



6.2244, 6.2289, 6.5618



10.9077, 5.6173, 0.7732



0.1669, 0.0855, 0.0317

Inverse Universe

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



19.3988, 15.5626, 13.2909



32.1093, 23.6827, 17.9436



18.0104, 19.9865, 33.4802



6.2244, 6.2289, 6.5618



10.9077, 5.6173, 0.7732



0.1669, 0.0855, 0.0317

Previews

White Background



This preview shows how the XYZ color 19.3984, 15.5618, 13.2906 looks on a white background.

Color Contrast Check

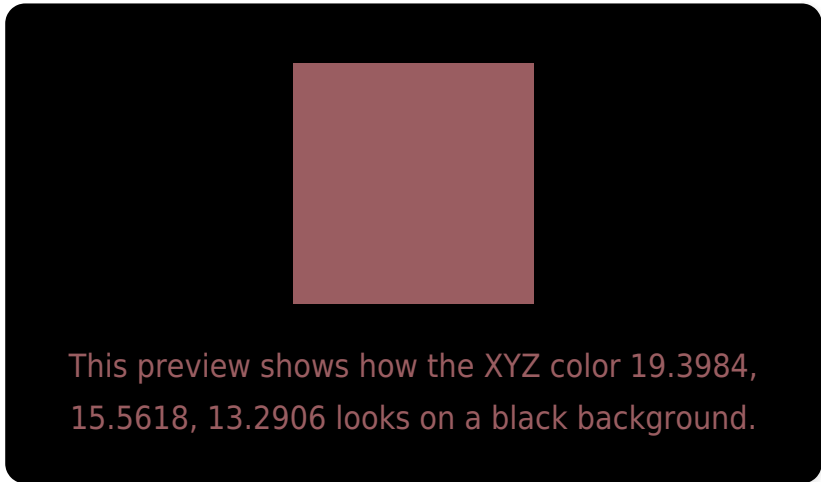
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3984, 15.5618, 13.2906

Background



This preview shows how black text looks on a background with the XYZ color 19.3984, 15.5618, 13.2906.



This preview shows how white text looks on a background with the XYZ color 19.3984, 15.5618,

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

19.3984, 15.5618, 13.2906

Protanopia

14.9875, 15.7032, 15.8768

Deuteranopia

15.9720, 15.6463, 13.0047



Tritanopia

19.4929, 15.5996, 13.7880

Trichromacy



Original Color

19.3984, 15.5618, 13.2906

Protanomaly

16.3006, 15.4691, 14.9587

Deuteranomaly

17.0815, 15.4703, 13.1521

Tritanomaly

19.4454, 15.5806, 13.5377

Monochromacy



Original Color

19.3984, 15.5618, 13.2906

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.4578, 15.6767, 16.0684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3984, 15.5618, 13.2906 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(154, 93, 97)` looks like.

```
.text, #text, p{  
    color:rgb(154, 93, 97)  
}
```

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(154, 93, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 93, 97) }
```

Border

The CSS property to change the border of an element to XYZ 19.3984, 15.5618, 13.2906 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(154, 93, 97) }
```


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

```
.border{ border-color:rgb(154, 93, 97) }
```

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

Here you see how a box with a 4 pixel rgb(154, 93, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 93, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 93, 97);  
box-shadow:4px 4px 4px 4px rgb(154, 93,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3984, 15.5618, 13.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 93, 97) }
```

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

```
.background{ background-color: rgb(154, 93,  
97) }
```

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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