

Converting Colors

XYZ(19.4849, 15.8159, 12.3400)

Have a look what the booklet for
XYZ(19.4849, 15.8159, 12.3400)
contains.

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Color

**XYZ(19.4961, 15.7643,
12.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5E5D
RGB	155, 94, 93
RGB Percent	61%, 37%, 36%
CMY	0.3922, 0.6314, 0.6353
CMYK	0.00, 0.39, 0.40, 0.39
HSL	1°, 25%, 49%
HSV	1°, 40%, 61%
XYZ	19.4961, 15.7643, 12.3712
YIQ	112.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

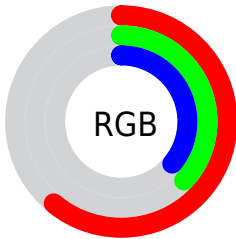
Format	Color
R_{YB}	155, 94, 93
Decimal	10182237
CIE _{Lab}	46.66, 24.77, 11.17
CIE _{LCh}	47, 27.177, 24.275
Yxy	15.7643, 0.4093, 0.3310
Android (android.graphics.Color)	4288372317 (0xFF9B5E5D)
YUV	112.1250, -9.4286, 37.6014
Hunter-Lab	39.7043, 18.1668, 9.3192

Details

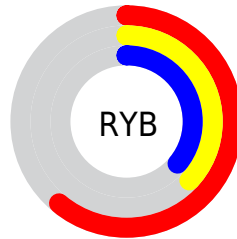
The XYZ color **19.4961, 15.7643, 12.3712** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9858, 27.8039, 35.2183**, and the grayscale version is **15.4575, 16.2625, 17.7098**.

A 20% lighter version of the original color is **41.9473, 36.0829, 30.7404**, and **6.8569, 4.9259, 3.2787** is the 20% darker color. If you saturate the color by 10%, you get **17.6533, 13.0682, 8.7062**, and if you desaturate by 10%, it is **21.7468, 19.0534, 16.8590**.

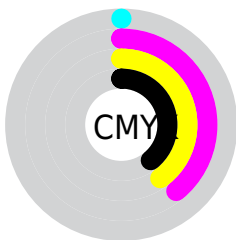
Distribution



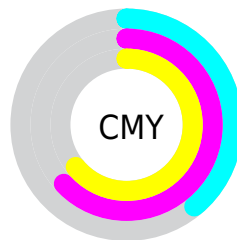
- Red (61%)
- Green (37%)
- Blue (36%)



- Red (61%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4961, 15.7643, 12.3712 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 19.4961, 15.7643, 12.3712 by changing the saturation by 10% instead.

■ 19.4961, 15.7643,
12.3712

■ 19.4961, 15.7643,
12.3712

242.0599,
227.9469, 217.9119

■ 12.1354, 9.3575,
6.8714

■ 42.0811, 36.1885,
30.8438

■ 6.9088, 4.9751,
3.3046

■ 58.0362, 50.9748,
44.6538

■ 3.4510, 2.2327,
1.2522

■ 77.5868, 69.3230,
62.0708

■ 1.3965, 0.7377,
0.0221

■ 101.0983, 91.6175,
83.5135

■ 0.2537, 0.0000,
0.0000

128.9360,
118.2427, 109.4005

■ 0.0000, 0.0000,
0.0000

161.4652,

149.5831, 140.1501

199.0514,
186.0230, 176.1811

■ 19.4961, 15.7643,
12.3712

■ 19.4961, 15.7643,
12.3712

■ 17.6533, 13.0682,
8.7062

■ 21.7468, 19.0534,
16.8590

■ 16.1928, 10.9277,
5.8133

■ 24.4266, 22.9654,
22.2144

■ 15.0882, 9.3048,
3.6376

■ 27.5563, 27.5310,
28.4801

■ 14.3090, 8.1557,
2.1164

■ 31.1556, 32.7782,
35.6955

■ 13.8199, 7.4293,
1.1765

■ 35.2424, 38.7331,
43.8979

■ 13.5448, 7.0231,
0.6417

■ 39.8342, 45.4210,
53.1225

■ 13.5448, 7.0230,
0.6417

■ 44.9473, 52.8653,
63.4029

■ 50.5973, 61.0888,
74.7709

■ 56.7994, 70.1133,
87.2572

Harmonies

Analogous

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



19.9493, 15.7643, 18.4894



19.4961, 15.7643, 12.3712



17.7825, 15.7643, 8.6503

Triad

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



19.4961, 15.7643, 12.3712



11.6035, 15.7643, 10.6579



14.5368, 15.7643, 33.5478

Complementary

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



19.4961, 15.7643, 12.3712



21.9858, 27.8039, 35.2183

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.



12.4948, 15.7643, 29.9737



19.4961, 15.7643, 12.3712



10.9188, 15.7643, 15.9047

Square

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



19.4961, 15.7643, 12.3712



13.2000, 15.7643, 7.8576



11.2272, 15.7643, 23.0595



16.9209, 15.7643, 31.8868

Rectangle

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



19.4961, 15.7643, 12.3712



16.2430, 15.7643, 7.4717



11.2272, 15.7643, 23.0595



13.7908, 15.7643, 32.8953

Sweetspot

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



19.4965, 15.7651, 12.3715



48.0262, 47.3738, 48.3522



23.3484, 17.1640, 33.0928



10.7151, 10.4962, 10.6330



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.



19.4965, 15.7651, 12.3715



31.9327, 23.8688, 16.2225



22.7011, 22.1743, 13.4397



6.2164, 6.2379, 6.4822



10.8820, 5.6465, 0.5163



0.1646, 0.0882, 0.0083

Inverse Universe

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



21.9858, 27.8039, 35.2183



37.0201, 48.4819, 62.9431



17.6384, 19.1092, 33.7692



6.3760, 7.0094, 7.9459



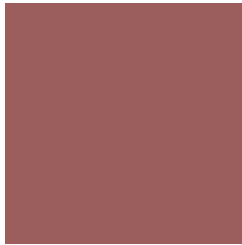
13.8377, 20.0721, 28.0527



0.2092, 0.3047, 0.4202

Previews

White Background



This preview shows how the XYZ color 19.4961, 15.7643, 12.3712 looks on a white background.

Color Contrast Check

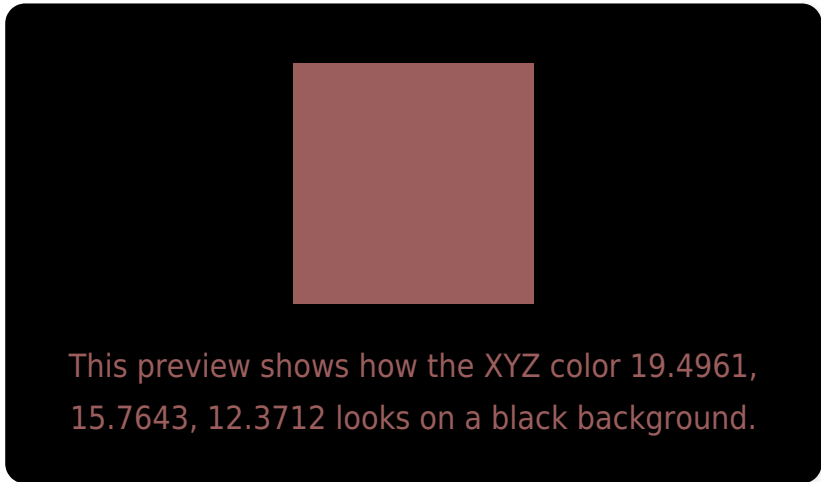
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4961, 15.7643, 12.3712

Background



This preview shows how black text looks on a background with the XYZ color 19.4961, 15.7643, 12.3712.



This preview shows how white text looks on a background with the XYZ color 19.4961, 15.7643,

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

19.4961, 15.7643, 12.3712

Protanopia

15.1036, 15.9533, 14.5952

Deuteranopia

16.1993, 15.9378, 12.1200



Tritanopia

19.9249, 15.8167, 14.0594

Trichromacy



Original Color

19.4961, 15.7643, 12.3712

Protanomaly

16.4621, 15.7308, 13.7240

Deuteranomaly

17.1644, 15.6787, 12.2468

Tritanomaly

19.7823, 15.7597, 13.3085

Monochromacy



Original Color

19.4961, 15.7643, 12.3712

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5035, 15.7123, 15.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4961, 15.7643, 12.3712 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(155, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 93)  
}
```

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(155, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 93) }
```

Border

The CSS property to change the border of an element to XYZ 19.4961, 15.7643, 12.3712 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(155, 94, 93) }
```


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

```
.border{ border-color:rgb(155, 94, 93) }
```

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

Here you see how a box with a 4 pixel rgb(155, 94, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4961, 15.7643, 12.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 93) }
```

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

```
.background{ background-color: rgb(155, 94,  
93) }
```

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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