

Converting Colors

XYZ(19.5052, 15.4936, 10.7306)

Have a look what the booklet for
XYZ(19.5052, 15.4936, 10.7306)
contains.

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Color

**XYZ(19.6074, 15.5953,
10.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5C56
RGB	158, 92, 86
RGB Percent	62%, 36%, 34%
CMY	0.3804, 0.6392, 0.6627
CMYK	0.00, 0.42, 0.46, 0.38
HSL	5°, 30%, 48%
HSV	5°, 46%, 62%
XYZ	19.6074, 15.5953, 10.7809
YIQ	111.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

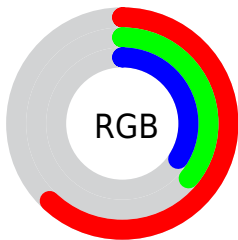
Format	Color
R_{YB}	158, 93, 86
Decimal	10378326
CIE _{Lab}	46.44, 26.30, 15.13
CIE _{LCh}	46, 30.343, 29.905
Yxy	15.5953, 0.4264, 0.3391
Android (android.graphics.Color)	4288568406 (0xFF9E5C56)
YUV	111.0500, -12.3496, 41.1752
Hunter-Lab	39.4909, 19.5170, 11.4576

Details

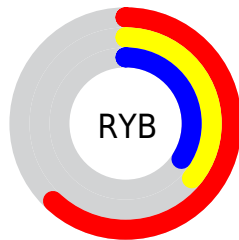
The XYZ color **19.6074, 15.5953, 10.7809** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2369, 26.9022, 36.4209**, and the grayscale version is **15.1507, 15.9397, 17.3583**.

A 20% lighter version of the original color is **42.2907, 35.8696, 27.9871**, and **7.0098, 4.9045, 2.6750** is the 20% darker color. If you saturate the color by 10%, you get **17.9029, 13.0950, 7.4117**, and if you desaturate by 10%, it is **21.6933, 18.6332, 14.9719**.

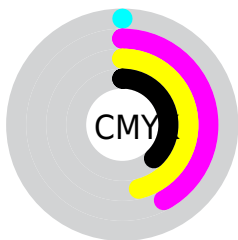
Distribution



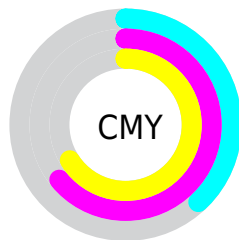
- Red (62%)
- Green (36%)
- Blue (34%)



- Red (62%)
- Yellow (36%)
- Blue (34%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6074, 15.5953, 10.7809 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 19.6074, 15.5953, 10.7809 by changing the saturation by 10% instead.

■ 19.6074, 15.5953,
10.7809

■ 19.6074, 15.5953,
10.7809

242.6560,
226.9417, 206.8413

■ 12.2166, 9.2382,
5.8074

■ 42.2670, 35.8942,
27.8847

■ 6.9646, 4.8969,
2.6614

■ 58.2664, 50.6048,
40.8521

■ 3.4861, 2.1869,
0.9239

■ 77.8661, 68.8687,
57.3212

■ 1.4157, 0.7128,
0.0000

■ 101.4315, 91.0703,
77.7106

■ 0.2674, 0.0000,
0.0000

■ 129.3278,
117.5940, 102.4387

■ 0.0000, 0.0000,
0.0000

161.9204,

148.8242, 131.9242

199.5747,
185.1453, 166.5856

■ 19.6074, 15.5953,
10.7809

■ 19.6074, 15.5953,
10.7809

■ 17.9029, 13.0950,
7.4117

■ 21.6933, 18.6332,
14.9719

■ 16.5555, 11.0986,
4.8093

■ 24.1805, 22.2350,
20.0328

■ 15.5400, 9.5727,
2.9136


■ 27.0891, 26.4280,
26.0091


■ 14.8273, 8.4785,
1.6552


■ 30.4373, 31.2372,
32.9431

■ 14.3819, 7.7705,
0.9429


■ 34.2423, 36.6861,
40.8740

 14.2467, 7.5614,
0.7086

 38.5205, 42.7970,
49.8393

 43.2873, 49.5910,
59.8743

 48.5576, 57.0884,
71.0126

 54.3454, 65.3086,
83.2864

Harmonies

Analogous

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



20.4228, 15.5953, 17.0044



19.6074, 15.5953, 10.7809



17.4816, 15.5953, 7.3411

Triad

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



19.6074, 15.5953, 10.7809



10.8946, 15.5953, 10.7505



14.8146, 15.5953, 35.7661

Complementary

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



19.6074, 15.5953, 10.7809



21.2369, 26.9022, 36.4209

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.



12.4484, 15.5953, 32.6791



19.6074, 15.5953, 10.7809



10.3534, 15.5953, 16.9569

Square

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



19.6074, 15.5953, 10.7809



12.4612, 15.5953, 7.3275



10.8878, 15.5953, 25.1923



17.4656, 15.5953, 32.7158

Rectangle

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



19.6074, 15.5953, 10.7809



15.7191, 15.5953, 6.4044



10.8878, 15.5953, 25.1923



13.9614, 15.5953, 35.4021

Sweetspot

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



19.6078, 15.5961, 10.7812



49.9359, 49.0607, 48.7643



23.0958, 16.1918, 31.6137



10.9951, 10.6825, 10.4515



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.6078, 15.5961, 10.7812



32.3728, 23.5757, 13.1881



23.4994, 23.3794, 12.0784



6.6753, 6.7307, 6.9330



11.4235, 6.0825, 0.5720



0.2158, 0.1318, 0.0141

Inverse Universe

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



21.2369, 26.9022, 36.4209



35.7001, 46.7749, 65.8903



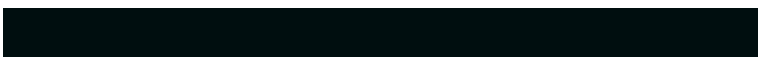
16.2548, 16.9380, 34.7602



6.7745, 7.4148, 8.4808



13.0446, 18.1808, 28.7290



0.2457, 0.3501, 0.5178

Previews

White Background



This preview shows how the XYZ color 19.6074, 15.5953, 10.7809 looks on a white background.

Color Contrast Check

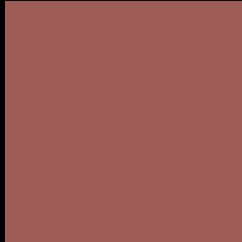
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6074, 15.5953, 10.7809 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 19.6074, 15.5953, 10.7809

Background



This preview shows how black text looks on a background with the XYZ color 19.6074, 15.5953, 10.7809.

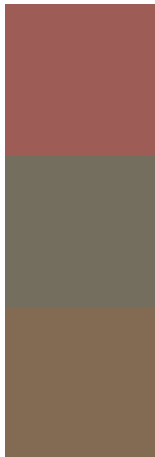


This preview shows how white text looks on a background with the XYZ color 19.6074, 15.5953,

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

19.6074, 15.5953, 10.7809

Protanopia

14.8439, 15.6911, 13.0728

Deuteranopia

15.9213, 15.6784, 10.3707



Tritanopia

20.1119, 15.5463, 13.2500

Trichromacy



Original Color

19.6074, 15.5953, 10.7809

Protanomaly

16.1421, 15.2985, 12.2273

Deuteranomaly

17.0691, 15.5229, 10.4841

Tritanomaly

20.0149, 15.6434, 12.3205

Monochromacy



Original Color

19.6074, 15.5953, 10.7809

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.2507, 15.4491, 14.6958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6074, 15.5953, 10.7809 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(158, 92, 86)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 86)  
}
```

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(158, 92, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 86) }
```

Border

The CSS property to change the border of an element to XYZ 19.6074, 15.5953, 10.7809 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(158, 92, 86) }
```


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

```
.border{ border-color:rgb(158, 92, 86) }
```

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

Here you see how a box with a 4 pixel rgb(158, 92, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 86);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6074, 15.5953, 10.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 86) }
```

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

```
.background{ background-color: rgb(158, 92,  
86) }
```

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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