

Converting Colors

XYZ(19.5640, 15.9569, 11.2814)

Have a look what the booklet for
XYZ(19.5640, 15.9569, 11.2814)
contains.

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Color

**XYZ(19.5640, 15.9569,
11.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5F58
RGB	156, 95, 88
RGB Percent	61%, 37%, 35%
CMY	0.3882, 0.6274, 0.6549
CMYK	0.00, 0.39, 0.44, 0.39
HSL	6°, 28%, 48%
HSV	6°, 44%, 61%
XYZ	19.5640, 15.9569, 11.2814
YIQ	112.4410, 38.6030, 10.7550

Conversions

Conversions Part 2

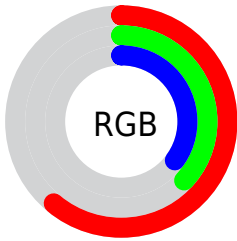
Format	Color
R_{YB}	156, 96, 88
Decimal	10248024
CIE _{Lab}	46.92, 24.02, 14.54
CIE _{LCh}	47, 28.080, 31.193
Yxy	15.9569, 0.4180, 0.3409
Android (android.graphics.Color)	4288438104 (0xFF9C5F58)
YUV	112.4410, -12.0494, 38.2012
Hunter-Lab	39.9461, 17.5165, 11.2178

Details

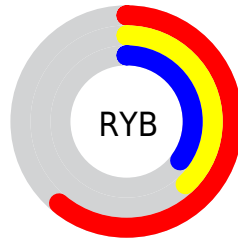
The XYZ color **19.5640, 15.9569, 11.2814** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7723, 25.9690, 35.3703**, and the grayscale version is **15.5576, 16.3678, 17.8245**.

A 20% lighter version of the original color is **42.3069, 36.5389, 28.8676**, and **6.9321, 5.0322, 2.8915** is the 20% darker color. If you saturate the color by 10%, you get **17.8364, 13.4275, 7.8514**, and if you desaturate by 10%, it is **21.6572, 18.9961, 15.5158**.

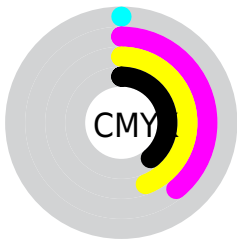
Distribution



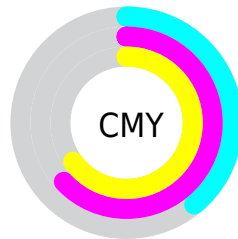
- Red (61%)
- Green (37%)
- Blue (35%)



- Red (61%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5640, 15.9569, 11.2814 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 19.5640, 15.9569, 11.2814 by changing the saturation by 10% instead.

■ 19.5640, 15.9569,
11.2814

■ 19.5640, 15.9569,
11.2814

242.4237,
229.0873, 210.3943

■ 12.1849, 9.4937,
6.1399

■ 42.1945, 36.5234,
28.8239

■ 6.9428, 5.0646,
2.8602

■ 58.1767, 51.3954,
42.0620

■ 3.4724, 2.2852,
1.0237

■ 77.7573, 69.8391,
58.8361

■ 1.4082, 0.7659,
0.0000

■ 101.3016, 92.2389,
79.5646

■ 0.2621, 0.0000,
0.0000

■ 129.1751,
118.9793, 104.6661

■ 0.0000, 0.0000,
0.0000

161.7430,

150.4445, 134.5592

199.3708,
187.0190, 169.6625

■ 19.5640, 15.9569,
11.2814

■ 19.5640, 15.9569,
11.2814

■ 17.8364, 13.4275,
7.8514

■ 21.6572, 18.9961,
15.5158

■ 16.4521, 11.3777,
5.1739

■ 24.1340, 22.5683,
20.6002

■ 15.3883, 9.7778,
3.1925

■ 27.0129, 26.6985,
26.5779

■ 14.6189, 8.5938,
1.8423

■ 30.3107, 31.4089,
33.4887

■ 14.1136, 7.7867,
1.0463

■ 34.0433, 36.7210,
41.3705

■ 13.8966, 7.4405,
0.7037

■ 38.2256, 42.6548,
50.2586

■ 42.8721, 49.2297,
60.1869

■ 47.9963, 56.4639,
71.1874

■ 53.6115, 64.3753,
83.2911

Harmonies

Analogous

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



20.3810, 15.9569, 17.0949



19.5640, 15.9569, 11.2814



17.5518, 15.9569, 8.0307

Triad

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



19.5640, 15.9569, 11.2814



11.4017, 15.9569, 11.6503



15.2649, 15.9569, 34.6557

Complementary

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



19.5640, 15.9569, 11.2814



20.7723, 25.9690, 35.3703

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.



13.0079, 15.9569, 32.0811



19.5640, 15.9569, 11.2814



10.9273, 15.9569, 17.6568

Square

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



19.5640, 15.9569, 11.2814



12.8551, 15.9569, 8.1998



11.4830, 15.9569, 25.3410



17.7397, 15.9569, 31.6601

Rectangle

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



19.5640, 15.9569, 11.2814



15.8993, 15.9569, 7.1611



11.4830, 15.9569, 25.3410



14.4567, 15.9569, 34.4088

Sweetspot

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



19.5644, 15.9577, 11.2817



49.2495, 48.7588, 48.6619



22.6410, 16.2239, 30.4559



10.5838, 10.3665, 10.1798



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.



19.5644, 15.9577, 11.2817



32.5548, 24.6220, 14.5722



23.2958, 23.4205, 12.5255



6.6853, 6.7507, 6.9363



11.4598, 6.1552, 0.5841



0.2190, 0.1383, 0.0152

Inverse Universe

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



20.7723, 25.9690, 35.3703



35.0140, 45.1249, 63.9913



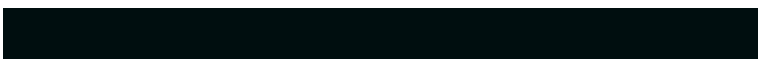
16.1790, 16.7823, 33.8392



6.7635, 7.3927, 8.4771



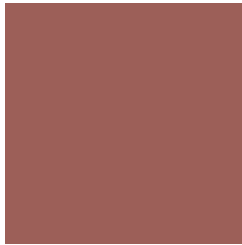
12.6741, 17.4398, 28.6055



0.2417, 0.3421, 0.5165

Previews

White Background



This preview shows how the XYZ color 19.5640, 15.9569, 11.2814 looks on a white background.

Color Contrast Check

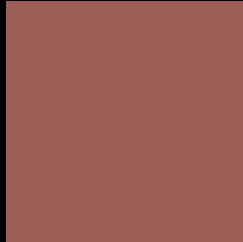
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5640, 15.9569, 11.2814 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 19.5640, 15.9569, 11.2814

Background



This preview shows how black text looks on a background with the XYZ color 19.5640, 15.9569, 11.2814.

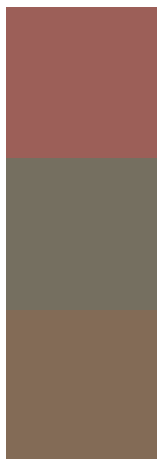


This preview shows how white text looks on a background with the XYZ color 19.5640, 15.9569,

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

19.5640, 15.9569, 11.2814

Protanopia

15.1319, 15.9953, 13.3562

Deuteranopia

16.2975, 16.0126, 11.0359



Tritanopia

20.1192, 15.9169, 14.0685

Trichromacy



Original Color

19.5640, 15.9569, 11.2814

Protanomaly

16.3874, 15.7188, 12.5262

Deuteranomaly

17.3858, 15.9641, 11.1819

Tritanomaly

20.0187, 16.0180, 13.1030

Monochromacy



Original Color

19.5640, 15.9569, 11.2814

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5043, 15.8765, 15.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5640, 15.9569, 11.2814 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(156, 95, 88)` looks like.

```
.text, #text, p{  
    color:rgb(156, 95, 88)  
}
```

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(156, 95, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 95, 88) }
```

Border

The CSS property to change the border of an element to XYZ 19.5640, 15.9569, 11.2814 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(156, 95, 88) }
```


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

```
.border{ border-color:rgb(156, 95, 88) }
```

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

Here you see how a box with a 4 pixel rgb(156, 95, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 95, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 95, 88);  
box-shadow:4px 4px 4px 4px rgb(156, 95,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5640, 15.9569, 11.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 95, 88) }
```

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

```
.background{ background-color: rgb(156, 95,  
88) }
```

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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