

Converting Colors

XYZ(19.7160, 19.7814, 12.8982)

Have a look what the booklet for
XYZ(19.7160, 19.7814, 12.8982)
contains.

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Color

**XYZ(19.6839, 19.7171,
12.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	8E775C
RGB	142, 119, 92
RGB Percent	56%, 47%, 36%
CMY	0.4431, 0.5333, 0.6392
CMYK	0.00, 0.16, 0.35, 0.44
HSL	32°, 21%, 46%
HSV	32°, 35%, 56%
XYZ	19.6839, 19.7171, 12.8935
YIQ	122.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

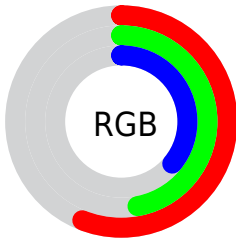
Format	Color
R_{YB}	135, 142, 92
Decimal	9336668
CIE _{Lab}	51.52, 4.80, 18.19
CIE _{LCh}	52, 18.817, 75.211
Yxy	19.7171, 0.3764, 0.3770
Android (android.graphics.Color)	4287526748 (0xFF8E775C)
YUV	122.7990, -15.1839, 16.8393
Hunter-Lab	44.4039, 1.4207, 13.8668

Details

The XYZ color **19.6839, 19.7171, 12.8935** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4267, 16.4892, 27.9609**, and the grayscale version is **18.8042, 19.7834, 21.5442**.

A 20% lighter version of the original color is **42.2103, 42.8146, 31.6305**, and **7.0608, 6.9279, 3.5498** is the 20% darker color. If you saturate the color by 10%, you get **18.3698, 17.9909, 9.6748**, and if you desaturate by 10%, it is **21.1688, 21.5986, 16.7437**.

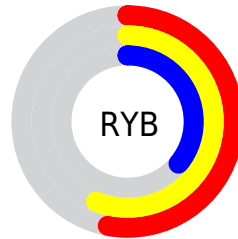
Distribution



Red (56%)

Green (47%)

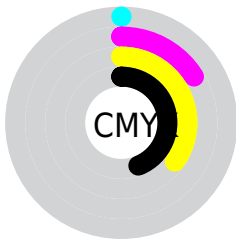
Blue (36%)



Red (53%)

Yellow (56%)

Blue (36%)

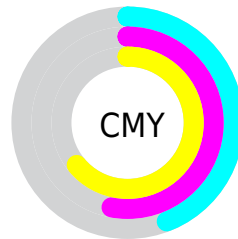


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (44%)



Cyan (44%)


Magenta (53%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.6839, 19.7171, 12.8935 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 19.6839, 19.7171, 12.8935 by changing the saturation by 10% instead.


 19.6839, 19.7171,
12.8935


 19.6839, 19.7171,
12.8935


243.0650,
250.3795, 221.4178


 12.2724, 12.1896,
7.2254


 42.3946, 42.9424,
31.8007


 7.0030, 6.8729,
3.5229


 58.4245, 59.4089,
45.8769

 3.5103, 3.3828,
1.3674

 78.0579, 79.6239,
63.5928

 1.4290, 1.3347,
0.1161

 101.6602,
103.9717, 85.3670

 0.2768, 0.1678,
0.0000

129.5966,
132.8368, 111.6181

 0.0000, 0.0000,
0.0000

162.2327,

166.6035, 142.7646

199.9337,
205.6563, 179.2249

■ 19.6839, 19.7171,
12.8935

■ 19.6839, 19.7171,
12.8935

■ 18.3698, 17.9909,
9.6748

■ 21.1688, 21.5986,
16.7437

■ 17.2174, 16.4124,
7.0516

■ 22.8301, 23.6370,
21.2563

■ 16.2190, 14.9775,
4.9864

■ 24.6748, 25.8376,
26.4613

■ 15.3655, 13.6808,
3.4366

■ 26.7093, 28.2043,
32.3868

■ 14.6463, 12.5162,
2.3534

■ 28.9393, 30.7412,
39.0592

■ 14.0479, 11.4762,
1.6700

■ 31.3706, 33.4518,
46.5035

■ 13.7875, 11.0151,
1.3994

■ 34.0085, 36.3400,
54.7438

■ 36.8582, 39.4090,
63.8028

■ 39.9247, 42.6623,
73.7025

Harmonies

Analogous

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



21.4201, 19.7171, 14.8949



19.6839, 19.7171, 12.8935



17.8028, 19.7171, 12.9076

Triad

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



19.6839, 19.7171, 12.8935



15.4468, 19.7171, 24.3177



21.4407, 19.7171, 29.6705

Complementary

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



19.6839, 19.7171, 12.8935



15.4267, 16.4892, 27.9609

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.



19.7106, 19.7171, 33.1639



19.6839, 19.7171, 12.8935



16.2943, 19.7171, 29.7377

Square

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



19.6839, 19.7171, 12.8935



15.4408, 19.7171, 18.9190



17.8278, 19.7171, 33.1904



22.4798, 19.7171, 24.2374

Rectangle

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



19.6839, 19.7171, 12.8935



16.7216, 19.7171, 14.0361



17.8278, 19.7171, 33.1904



20.9157, 19.7171, 31.1480

Sweetspot

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



19.6844, 19.7180, 12.8939



41.5148, 43.1923, 40.9893



18.0963, 14.6508, 18.1947



9.1894, 9.5476, 8.9220



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6844, 19.7180, 12.8939



32.9093, 32.4134, 18.2910



22.4763, 25.7232, 13.9059



5.6349, 5.8762, 5.7266



12.3977, 9.9270, 1.2627



0.1406, 0.1391, 0.0194

Inverse Universe

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



15.4267, 16.4892, 27.9609



24.2781, 25.8706, 48.8418



13.2918, 11.9696, 27.2010



5.3212, 5.6381, 6.8366



6.1151, 5.2162, 23.6616



0.0801, 0.0931, 0.2334

Previews

White Background



This preview shows how the XYZ color 19.6839, 19.7171, 12.8935 looks on a white background.

Color Contrast Check

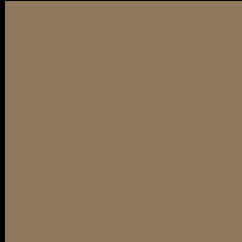
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.6839, 19.7171, 12.8935 looks on a black 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

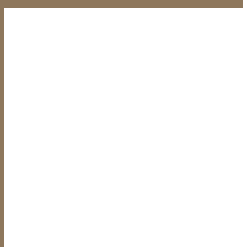
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6839, 19.7171, 12.8935

Background



This preview shows how black text looks on a background with the XYZ color 19.6839, 19.7171, 12.8935.



This preview shows how white text looks on a background with the XYZ color 19.6839, 19.7171,

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

19.6839, 19.7171, 12.8935

Protanopia

18.4634, 19.7994, 13.4382

Deuteranopia

20.0873, 19.7493, 12.8785



Tritanopia

21.4459, 19.7364, 21.7480

Trichromacy



Original Color

19.6839, 19.7171, 12.8935

Protanomaly

18.9270, 19.8603, 13.1918

Deuteranomaly

19.9118, 19.6589, 12.8703

Tritanomaly

20.6716, 19.5899, 18.0210

Monochromacy



Original Color

19.6839, 19.7171, 12.8935

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0901, 19.8347, 18.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6839, 19.7171, 12.8935 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(142, 119, 92)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 92)  
}
```

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(142, 119, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.6839, 19.7171, 12.8935 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(142, 119, 92) }
```


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

```
.border{ border-color:rgb(142, 119, 92) }
```

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

Here you see how a box with a 4 pixel rgb(142, 119, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 92);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6839, 19.7171, 12.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 92) }
```

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

```
.background{ background-color: rgb(142,  
119, 92) }
```

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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