

Converting Colors

XYZ(16.0981, 12.7832, 12.7464)

Have a look what the booklet for
XYZ(16.0981, 12.7832, 12.7464)
contains.

XYZ(16.0969, 12.7606, 12.6810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.0969, 12.7606,
12.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5460
RGB	140, 84, 96
RGB Percent	55%, 33%, 38%
CMY	0.4510, 0.6706, 0.6235
CMYK	0.00, 0.40, 0.31, 0.45
HSL	347°, 25%, 44%
HSV	347°, 40%, 55%
XYZ	16.0969, 12.7606, 12.6810
YIQ	102.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

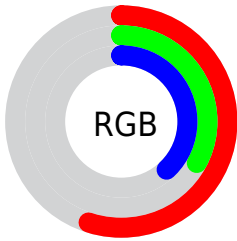
Format	Color
R _Y B	140, 84, 96
Decimal	9196640
CIE Lab	42.40, 24.91, 3.02
CIE LCh	42, 25.090, 6.914
Yxy	12.7606, 0.3875, 0.3072
Android (android.graphics.Color)	4287386720 (0xFF8C5460)
YUV	102.1120, -3.0132, 33.2278
Hunter-Lab	35.7220, 17.9215, 3.9579

Details

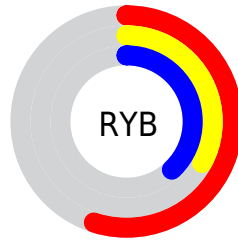
The XYZ color **16.0969, 12.7606, 12.6810** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9311, 22.1999, 23.8158**, and the grayscale version is **12.6611, 13.3205, 14.5060**.

A 20% lighter version of the original color is **36.2191, 30.7276, 31.2162**, and **5.2618, 3.6281, 3.4406** is the 20% darker color. If you saturate the color by 10%, you get **14.6454, 10.6121, 9.8708**, and if you desaturate by 10%, it is **17.8372, 15.3731, 15.9375**.

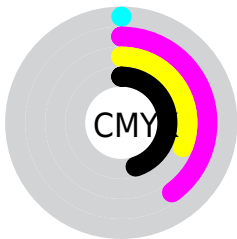
Distribution



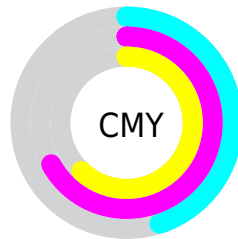
- Red (55%)
- Green (33%)
- Blue (38%)



- Red (55%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0969, 12.7606, 12.6810 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 16.0969, 12.7606, 12.6810 by changing the saturation by 10% instead.

■ 16.0969, 12.7606,
12.6810

■ 16.0969, 12.7606,
12.6810

223.1720,
209.3776, 219.9985

■ 9.6840, 7.2639,
7.0811

■ 36.3224, 30.8730,
31.4122

■ 5.2506, 3.6277,
3.4337

■ 50.8658, 44.2575,
45.3806

■ 2.4313, 1.4676,
1.3201

■ 68.8501, 61.0401,
62.9757

■ 0.8607, 0.2657,
0.0782

■ 90.6406, 81.6051,
84.6158

■ 0.0000, 0.0000,
0.0000

■ 116.6026,
106.3370, 110.7196

147.1017,

135.6201, 141.7057

182.5030,
169.8389, 177.9925

■ 16.0969, 12.7606,
12.6810

■ 16.0969, 12.7606,
12.6810

■ 14.6454, 10.6121,
9.8708

■ 17.8372, 15.3731,
15.9375

■ 13.4657, 8.8986,
7.4864

■ 19.8800, 18.4727,
19.6579

■ 12.5406, 7.5905,
5.5066

■ 22.2392, 22.0832,
23.8601

■ 11.8504, 6.6541,
3.9084

■ 24.9278, 26.2263,
28.5604

■ 11.3726, 6.0497,
2.6659

■ 27.9577, 30.9224,
33.7748

■ 11.0496, 5.6693,
1.7400

■ 31.3406, 36.1909,
39.5181

■ 11.0496, 5.6692,
1.7398

■ 35.0873, 42.0503,
45.8048

■ 39.2084, 48.5180,
52.6487

■ 43.7138, 55.6110,
60.0632

Harmonies

Analogous

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



15.7801, 12.7606, 18.3778



16.0969, 12.7606, 12.6810



15.2655, 12.7606, 8.5429

Triad

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



16.0969, 12.7606, 12.6810



10.0781, 12.7606, 7.1343



10.7613, 12.7606, 25.8065

Complementary

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



16.0969, 12.7606, 12.6810



16.9311, 22.1999, 23.8158

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.



9.4538, 12.7606, 21.1126



16.0969, 12.7606, 12.6810



9.0889, 12.7606, 10.2063

Square

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



16.0969, 12.7606, 12.6810



11.6972, 12.7606, 5.9234



8.8727, 12.7606, 15.1822



12.5704, 12.7606, 26.9662

Rectangle

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



16.0969, 12.7606, 12.6810



14.2181, 12.7606, 6.8822



8.8727, 12.7606, 15.1822



10.2545, 12.7606, 24.5398

Sweetspot

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



16.0972, 12.7612, 12.6812



38.2206, 37.4172, 40.3197



16.7865, 12.8136, 26.3997



8.6976, 8.4542, 9.0966



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.



16.0972, 12.7612, 12.6812



26.0509, 19.0482, 17.8571



16.9603, 15.3049, 10.4485



5.0739, 5.0650, 5.4776



9.8244, 5.0399, 1.5795



0.0698, 0.0353, 0.0345

Inverse Universe

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



16.0972, 12.7612, 12.6812



26.0509, 19.0482, 17.8571



15.6147, 18.2275, 27.5064



5.0739, 5.0650, 5.4776



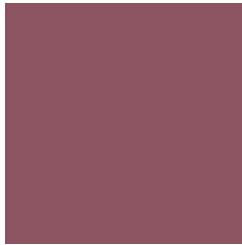
9.8244, 5.0399, 1.5795



0.0698, 0.0353, 0.0345

Previews

White Background



This preview shows how the XYZ color 16.0969, 12.7606, 12.6810 looks on a white background.

Color Contrast Check

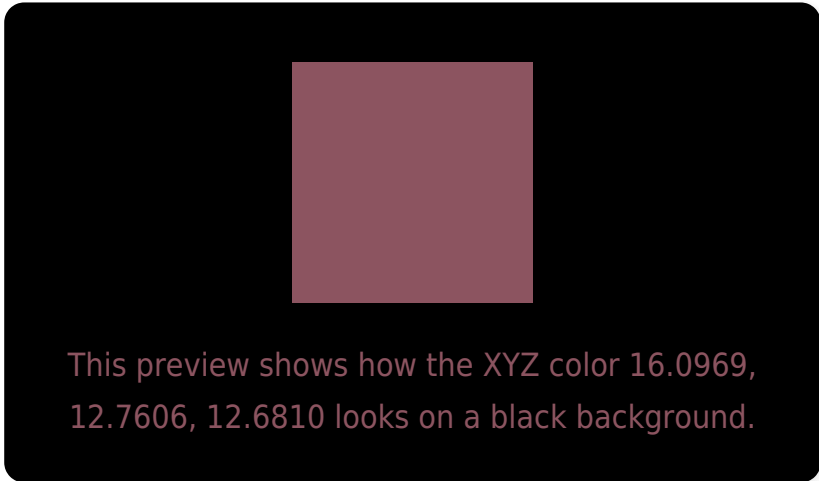
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0969, 12.7606, 12.6810

Background



This preview shows how black text looks on a background with the XYZ color 16.0969, 12.7606, 12.6810.



This preview shows how white text looks on a background with the XYZ color 16.0969, 12.7606,

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

16.0969, 12.7606, 12.6810

Protanopia

12.4738, 12.9010, 15.1973

Deuteranopia

13.1051, 12.8683, 12.3828



Tritanopia

15.9520, 12.8278, 11.5328

Trichromacy



Original Color

16.0969, 12.7606, 12.6810

Protanomaly

13.4712, 12.6096, 14.2942

Deuteranomaly

14.0611, 12.6915, 12.5351

Tritanomaly

16.0395, 12.8628, 11.9933

Monochromacy



Original Color

16.0969, 12.7606, 12.6810

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5949, 12.8175, 13.8141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0969, 12.7606, 12.6810 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(140, 84, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 84, 96)  
}
```

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(140, 84, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 84, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.0969, 12.7606, 12.6810 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(140, 84, 96) }
```


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

```
.border{ border-color:rgb(140, 84, 96) }
```

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

Here you see how a box with a 4 pixel rgb(140, 84, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 84, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 84, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 84,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0969, 12.7606, 12.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 84, 96) }
```

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

```
.background{ background-color: rgb(140, 84,  
96) }
```

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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