

Converting Colors

XYZ(16.0760, 13.1135, 12.2735)

Have a look what the booklet for
XYZ(16.0760, 13.1135, 12.2735)
contains.

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Color

**XYZ(16.0760, 13.1135,
12.2735)**

Conversions

Conversions Part 1

Format	Color
Hex	8B575E
RGB	139, 87, 94
RGB Percent	55%, 34%, 37%
CMY	0.4549, 0.6588, 0.6314
CMYK	0.00, 0.37, 0.32, 0.45
HSL	352°, 23%, 44%
HSV	352°, 37%, 55%
XYZ	16.0760, 13.1135, 12.2735
YIQ	103.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

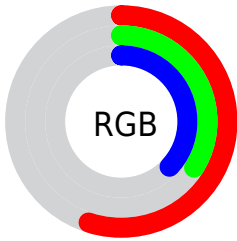
Format	Color
RYB	139, 87, 94
Decimal	9131870
CIELab	42.93, 22.49, 5.00
CIELCh	43, 23.037, 12.529
Yxy	13.1135, 0.3877, 0.3163
Android (android.graphics.Color)	4287321950 (0xFF8B575E)
YUV	103.3460, -4.6076, 31.2686
Hunter-Lab	36.2126, 15.8703, 5.2537

Details

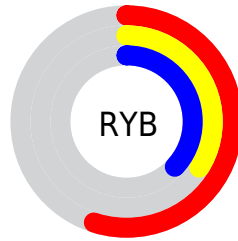
The XYZ color **16.0760, 13.1135, 12.2735** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.3285, 22.1577, 25.1945**, and the grayscale version is **12.9906, 13.6671, 14.8835**.

A 20% lighter version of the original color is **36.3707, 31.6599, 30.5796**, and **5.2228, 3.7572, 3.2463** is the 20% darker color. If you saturate the color by 10%, you get **14.5587, 10.8765, 9.3089**, and if you desaturate by 10%, it is **17.8949, 15.8189, 15.7541**.

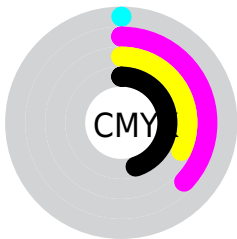
Distribution



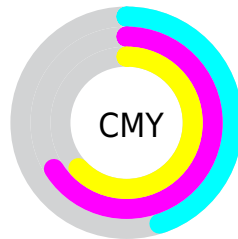
- Red (55%)
- Green (34%)
- Blue (37%)



- Red (55%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0760, 13.1135, 12.2735 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 16.0760, 13.1135, 12.2735 by changing the saturation by 10% instead.

■ 16.0760, 13.1135,
12.2735

■ 16.0760, 13.1135,
12.2735

■ 223.0513,
211.6438, 217.2494

■ 9.6691, 7.5068,
6.8054

■ 36.2865, 31.5075,
30.6641

■ 5.2407, 3.7810,
3.2641

■ 50.8208, 45.0636,
44.4237

■ 2.4254, 1.5518,
1.2310

■ 68.7950, 62.0383,
61.7842

■ 0.8578, 0.3248,
0.0042

■ 90.5744, 82.8159,
83.1641

■ 0.0000, 0.0000,
0.0000

■ 116.5244,
107.7808, 108.9821

147.0103,

137.3175, 139.6566

182.3975,
171.8104, 175.6062

■ 16.0760, 13.1135,
12.2735

■ 16.0760, 13.1135,
12.2735

■ 14.5587, 10.8765,
9.3089

■ 17.8949, 15.8189,
15.7541

■ 13.3255, 9.0793,
6.8348

■ 20.0294, 19.0152,
19.7728

■ 12.3589, 7.6936,
4.8248

■ 22.4940, 22.7257,
24.3515

■ 11.6389, 6.6865,
3.2498


■ 25.3019, 26.9717,
29.5105


■ 11.1424, 6.0203,
2.0770


■ 28.4657, 31.7734,
35.2693


 10.8297, 5.6244,
1.2650

 31.9973, 37.1498,
41.6463

 10.7625, 5.5350,
1.1040

 35.9079, 43.1190,
48.6591

 40.2084, 49.6984,
56.3248

 44.9092, 56.9047,
64.6596

Harmonies

Analogous

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



15.9865, 13.1135, 17.3970



16.0760, 13.1135, 12.2735



15.1337, 13.1135, 8.6683

Triad

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



16.0760, 13.1135, 12.2735



10.3094, 13.1135, 8.2506



11.4734, 13.1135, 25.6899

Complementary

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



16.0760, 13.1135, 12.2735



17.3285, 22.1577, 25.1945

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.



10.1283, 13.1135, 21.9006



16.0760, 13.1135, 12.2735



9.5011, 13.1135, 11.5566

Square

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



16.0760, 13.1135, 12.2735



11.7427, 13.1135, 6.7414



9.4381, 13.1135, 16.4905



13.2142, 13.1135, 26.0119

Rectangle

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



16.0760, 13.1135, 12.2735



14.0946, 13.1135, 7.2788



9.4381, 13.1135, 16.4905



10.9642, 13.1135, 24.7446

Sweetspot

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



16.0764, 13.1141, 12.2738



38.5203, 38.0402, 40.3464



17.4599, 13.5224, 26.1159



8.7555, 8.5839, 9.0731



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.



16.0764, 13.1141, 12.2738



26.4285, 20.0009, 17.3743



17.4401, 16.3216, 11.2488



5.0585, 5.0588, 5.3966



9.7177, 4.9972, 1.0179



0.0676, 0.0344, 0.0228

Inverse Universe

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



16.0764, 13.1141, 12.2738



26.4285, 20.0009, 17.3743



15.4043, 17.5170, 26.9953



5.0585, 5.0588, 5.3966



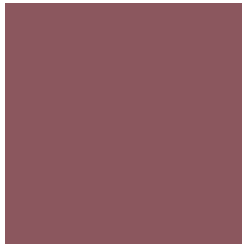
9.7177, 4.9972, 1.0179



0.0676, 0.0344, 0.0228

Previews

White Background



This preview shows how the XYZ color 16.0760, 13.1135, 12.2735 looks on a white background.

Color Contrast Check

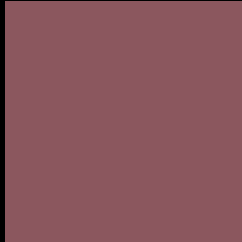
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0760, 13.1135, 12.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

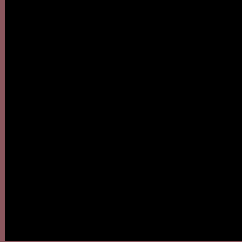
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0760, 13.1135, 12.2735

Background



This preview shows how black text looks on a background with the XYZ color 16.0760, 13.1135, 12.2735.



This preview shows how white text looks on a background with the XYZ color 16.0760, 13.1135,

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

16.0760, 13.1135, 12.2735

Protanopia

12.6455, 13.1502, 14.4421

Deuteranopia

13.3697, 13.1529, 11.9593



Tritanopia

16.0760, 13.1135, 12.2735

Trichromacy



Original Color

16.0760, 13.1135, 12.2735

Protanomaly

13.6375, 12.9796, 13.5909

Deuteranomaly

14.2907, 13.0808, 12.1276

Tritanomaly

16.0760, 13.1135, 12.2735

Monochromacy



Original Color

16.0760, 13.1135, 12.2735

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.7774, 13.1825, 13.8749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0760, 13.1135, 12.2735 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(139, 87, 94)` looks like.

```
.text, #text, p{  
    color:rgb(139, 87, 94)  
}
```

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(139, 87, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 87, 94) }
```

Border

The CSS property to change the border of an element to XYZ 16.0760, 13.1135, 12.2735 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(139, 87, 94) }
```


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

```
.border{ border-color:rgb(139, 87, 94) }
```

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

Here you see how a box with a 4 pixel rgb(139, 87, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 87, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 87, 94);  
box-shadow:4px 4px 4px 4px rgb(139, 87,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0760, 13.1135, 12.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 87, 94) }
```

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

```
.background{ background-color: rgb(139, 87,  
94) }
```

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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