

Converting Colors

XYZ(17.1406, 16.8590, 13.9060)

Have a look what the booklet for
XYZ(17.1406, 16.8590, 13.9060)
contains.

XYZ(17.1406, 16.8590, 13.9060)	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(17.1406, 16.8590,
13.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	836E62
RGB	131, 110, 98
RGB Percent	51%, 43%, 38%
CMY	0.4863, 0.5686, 0.6157
CMYK	0.00, 0.16, 0.25, 0.49
HSL	22°, 14%, 45%
HSV	22°, 25%, 51%
XYZ	17.1406, 16.8590, 13.9060
YIQ	114.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

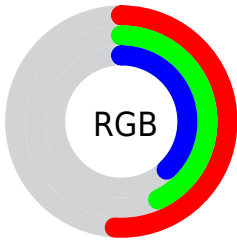
Format	Color
R_{YB}	131, 117, 98
Decimal	8613474
CIE Lab	48.08, 6.27, 9.77
CIE LCh	48, 11.608, 57.291
Yxy	16.8590, 0.3578, 0.3519
Android (android.graphics.Color)	4286803554 (0xFF836E62)
YUV	114.9110, -8.3371, 14.1101
Hunter-Lab	41.0597, 2.6613, 8.6616

Details

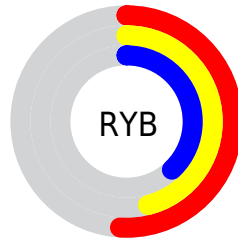
The XYZ color **17.1406, 16.8590, 13.9060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7304, 17.4285, 24.0077**, and the grayscale version is **16.2901, 17.1384, 18.6637**.

A 20% lighter version of the original color is **38.1123, 38.2009, 33.7986**, and **5.7358, 5.4425, 3.9970** is the 20% darker color. If you saturate the color by 10%, you get **15.7147, 14.9173, 10.6248**, and if you desaturate by 10%, it is **18.7533, 19.0120, 17.7494**.

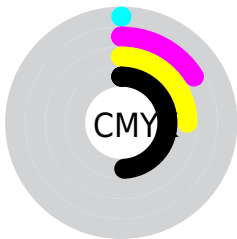
Distribution



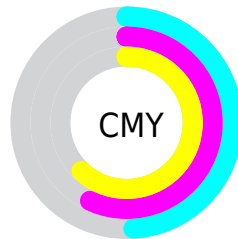
- Red (51%)
- Green (43%)
- Blue (38%)



- Red (51%)
- Yellow (46%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1406, 16.8590, 13.9060 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 17.1406, 16.8590, 13.9060 by changing the saturation by 10% instead.

■ 17.1406, 16.8590,
13.9060

■ 17.1406, 16.8590,
13.9060

229.1218,
234.3585, 228.0533

■ 10.4307, 10.1340,
7.9173

■ 38.1090, 38.0832,
33.6369

■ 5.7499, 5.4879,
3.9551

■ 53.0983, 53.3512,
48.2161

■ 2.7328, 2.5363,
1.6007

■ 71.5780, 72.2356,
66.4960

■ 1.0141, 0.8947,
0.2913

■ 93.9137, 95.1209,
88.8950

■ 0.0000, 0.0000,
0.0000

120.4705,
122.3915, 115.8317

151.6139,

154.4317, 147.7246

187.7092,
191.6259, 184.9923

■ 17.1406, 16.8590,
13.9060

■ 17.1406, 16.8590,
13.9060

■ 15.7147, 14.9173,
10.6248

■ 18.7533, 19.0120,
17.7494

■ 14.4669, 13.1779,
7.8780

■ 20.5582, 21.3803,
22.1788

■ 13.3901, 11.6346,
5.6371

■ 22.5624, 23.9706,
27.2179

■ 12.4757, 10.2800,
3.8704

■ 24.7717, 26.7888,
32.8889

■ 11.7146, 9.1063,
2.5427

■ 27.1923, 29.8403,
39.2128

■ 11.0965, 8.1046,
1.6137

■ 29.8296, 33.1306,
46.2095

■ 10.6073, 7.2645,
1.0241

■ 32.6891, 36.6648,
53.8982

■ 10.4027, 6.9105,
0.7856

■ 35.7760, 40.4479,
62.2973

■ 39.0953, 44.4848,
71.4246

Harmonies

Analogous

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



17.8872, 16.8590, 15.8295



17.1406, 16.8590, 13.9060



16.1196, 16.8590, 13.1626

Triad

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



17.1406, 16.8590, 13.9060



14.0896, 16.8590, 18.0845



16.9682, 16.8590, 23.9933

Complementary

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



17.1406, 16.8590, 13.9060



15.7304, 17.4285, 24.0077

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.



15.9287, 16.8590, 24.7635



17.1406, 16.8590, 13.9060



14.2949, 16.8590, 21.1393

Square

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



17.1406, 16.8590, 13.9060



14.3835, 16.8590, 15.4043



14.9569, 16.8590, 23.6679



17.7846, 16.8590, 21.6638

Rectangle

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



17.1406, 16.8590, 13.9060



15.4310, 16.8590, 13.3680



14.9569, 16.8590, 23.6679



16.6320, 16.8590, 24.4535

Sweetspot

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



17.1410, 16.8598, 13.9063



35.8106, 36.9763, 37.2295



17.0848, 14.9036, 19.5712



8.2348, 8.4745, 8.4151



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1410, 16.8598, 13.9063



29.2501, 28.2325, 21.5485



19.0320, 20.6417, 14.5367



4.8010, 4.9456, 4.9309



10.2422, 6.8070, 0.7741



0.0420, 0.0366, 0.0048

Inverse Universe

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



15.7304, 17.4285, 24.0077



26.2880, 29.4226, 42.7468



13.9792, 13.9261, 23.4240



4.6630, 5.0015, 5.9204



7.1067, 7.7611, 22.2602



0.0316, 0.0408, 0.0794

Previews

White Background



This preview shows how the XYZ color 17.1406, 16.8590, 13.9060 looks on a white background.

Color Contrast Check

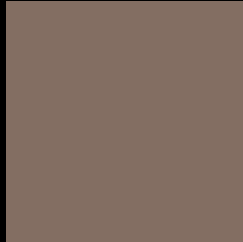
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1406, 16.8590, 13.9060 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 17.1406, 16.8590, 13.9060

Background



This preview shows how black text looks on a background with the XYZ color 17.1406, 16.8590, 13.9060.



This preview shows how white text looks on a background with the XYZ color 17.1406, 16.8590,

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

17.1406, 16.8590, 13.9060

Protanopia

16.0633, 16.9478, 14.4812

Deuteranopia

17.1406, 16.8590, 13.9060



Tritanopia

18.0829, 16.7629, 18.8055

Trichromacy



Original Color

17.1406, 16.8590, 13.9060

Protanomaly

16.4694, 16.9962, 14.2169

Deuteranomaly

17.1406, 16.8590, 13.9060

Tritanomaly

17.6386, 16.7348, 16.7685

Monochromacy



Original Color

17.1406, 16.8590, 13.9060

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5506, 16.9793, 16.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1406, 16.8590, 13.9060 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(131, 110, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 110, 98)  
}
```

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(131, 110, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 110, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.1406, 16.8590, 13.9060 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(131, 110, 98) }
```


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

```
.border{ border-color:rgb(131, 110, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 110, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 110, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 110, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 110,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1406, 16.8590, 13.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 110, 98) }
```

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

```
.background{ background-color: rgb(131,  
110, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor