

Converting Colors

XYZ(17.1706, 15.7257, 14.7766)

Have a look what the booklet for
XYZ(17.1706, 15.7257, 14.7766)
contains.

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Color

**XYZ(17.2402, 15.8107,
14.7135)**

Conversions

Conversions Part 1

Format	Color
Hex	876766
RGB	135, 103, 102
RGB Percent	53%, 40%, 40%
CMY	0.4706, 0.5961, 0.6000
CMYK	0.00, 0.24, 0.24, 0.47
HSL	2°, 14%, 46%
HSV	2°, 24%, 53%
XYZ	17.2402, 15.8107, 14.7135
YIQ	112.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

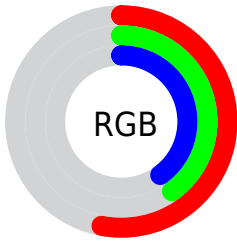
Format	Color
R_{YB}	135, 103, 102
Decimal	8873830
CIE _{Lab}	46.73, 12.67, 5.52
CIE _{LCh}	47, 13.815, 23.528
Yxy	15.8107, 0.3609, 0.3310
Android (android.graphics.Color)	4287063910 (0xFF876766)
YUV	112.4540, -5.1538, 19.7728
Hunter-Lab	39.7627, 7.8089, 5.8946

Details

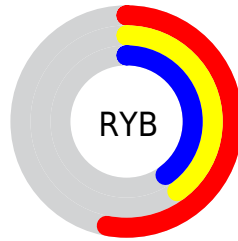
The XYZ color **17.2402, 15.8107, 14.7135** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3776, 21.6237, 26.1270**, and the grayscale version is **15.5457, 16.3552, 17.8109**.

A 20% lighter version of the original color is **38.2916, 36.2299, 35.1119**, and **5.7599, 4.9890, 4.2738** is the 20% darker color. If you saturate the color by 10%, you get **15.4229, 13.1616, 11.0692**, and if you desaturate by 10%, it is **19.3713, 18.9126, 19.0007**.

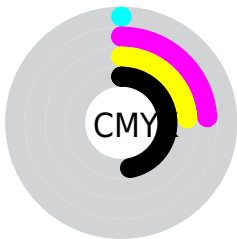
Distribution



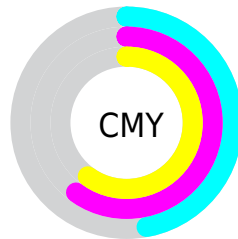
- Red (53%)
- Green (40%)
- Blue (40%)



- Red (53%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2402, 15.8107, 14.7135 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 17.2402, 15.8107, 14.7135 by changing the saturation by 10% instead.

■ 17.2402, 15.8107,
14.7135

■ 17.2402, 15.8107,
14.7135

229.6822,
228.2221, 233.2062

■ 10.5023, 9.3903,
8.4742

■ 38.2786, 36.2693,
35.0849

■ 5.7980, 4.9966,
4.3077

■ 53.3098, 51.0762,
50.0542

■ 2.7621, 2.2453,
1.7956

■ 71.8361, 69.4475,
68.7704

■ 1.0293, 0.7445,
0.4251

■ 94.2230, 91.7674,
91.6522

■ 0.0000, 0.0000,
0.0000

120.8356,
118.4205, 119.1182

152.0395,

149.7910, 151.5868

188.1998,
186.2634, 189.4767

■ 17.2402, 15.8107,
14.7135

■ 17.2402, 15.8107,
14.7135

■ 15.4229, 13.1616,
11.0692

■ 19.3713, 18.9126,
19.0007

■ 13.9033, 10.9420,
8.0360

■ 21.8286, 22.4847,
23.9587

■ 12.6660, 9.1301,
5.5806

■ 24.6256, 26.5464,
29.6149

■ 11.6936, 7.7010,
3.6665

■ 27.7744, 31.1149,
35.9948

■ 10.9667, 6.6272,
2.2527

■ 31.2867, 36.2071,
43.1229

■ 10.4634, 5.8776,
1.2925

■ 35.1735, 41.8387,
51.0222

■ 10.1568, 5.4154,
0.7253

■ 39.4455, 48.0250,
59.7148

■ 10.0362, 5.2400,
0.4824

■ 44.1130, 54.7806,
69.2222

■ 49.1856, 62.1195,
79.5647

Harmonies

Analogous

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



17.4347, 15.8107, 17.9695



17.2402, 15.8107, 14.7135



16.4389, 15.8107, 12.4362

Triad

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



17.2402, 15.8107, 14.7135



13.2502, 15.8107, 13.5837



14.7694, 15.8107, 24.6378

Complementary

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



17.2402, 15.8107, 14.7135



18.3776, 21.6237, 26.1270

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.



13.6994, 15.8107, 23.0841



17.2402, 15.8107, 14.7135



12.8529, 15.8107, 16.4822

Square

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



17.2402, 15.8107, 14.7135



14.1266, 15.8107, 11.8471



13.0129, 15.8107, 19.9854



15.9661, 15.8107, 24.0002

Rectangle

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



17.2402, 15.8107, 14.7135



15.6903, 15.8107, 11.6319



13.0129, 15.8107, 19.9854



14.3838, 15.8107, 24.3485

Sweetspot

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



17.2406, 15.8114, 14.7138



37.8378, 38.4451, 40.3750



19.0777, 16.3877, 24.8769



8.7130, 8.8311, 9.2500



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.2406, 15.8114, 14.7138



29.1118, 25.7464, 22.8120



18.9929, 19.3159, 15.2979



4.6831, 4.7097, 4.8916



9.2565, 4.8356, 0.4455



0.0328, 0.0181, 0.0018

Inverse Universe

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



18.3776, 21.6237, 26.1270



31.4913, 37.9137, 46.7067



16.3254, 17.5193, 25.4429



4.7898, 5.2553, 5.9627



11.5061, 16.5600, 23.7267



0.0408, 0.0593, 0.0825

Previews

White Background



This preview shows how the XYZ color 17.2402, 15.8107, 14.7135 looks on a white background.

Color Contrast Check

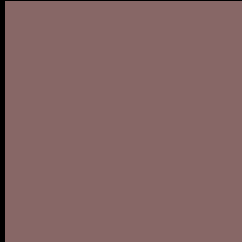
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2402, 15.8107, 14.7135 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 17.2402, 15.8107, 14.7135

Background



This preview shows how black text looks on a background with the XYZ color 17.2402, 15.8107, 14.7135.



This preview shows how white text looks on a background with the XYZ color 17.2402, 15.8107,

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

17.2402, 15.8107, 14.7135

Protanopia

15.2254, 15.9869, 15.9190

Deuteranopia

16.0641, 15.8149, 14.5178



Tritanopia

17.7192, 15.8628, 16.8798

Trichromacy



Original Color

17.2402, 15.8107, 14.7135

Protanomaly

15.9384, 15.8826, 15.5902

Deuteranomaly

16.5563, 15.9148, 14.5112

Tritanomaly

17.5586, 15.7985, 16.0339

Monochromacy



Original Color

17.2402, 15.8107, 14.7135

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9211, 16.0131, 16.4391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2402, 15.8107, 14.7135 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(135, 103, 102) looks like.

```
.text, #text, p{  
    color:rgb(135, 103, 102)  
}
```

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(135, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.2402, 15.8107, 14.7135 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(135, 103, 102) }
```


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

```
.border{ border-color:rgb(135, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(135, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2402, 15.8107, 14.7135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 103, 102) }
```

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

```
.background{ background-color: rgb(135,  
103, 102) }
```

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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