

Converting Colors

XYZ(16.5527, 13.7697, 15.4970)

Have a look what the booklet for
XYZ(16.5527, 13.7697, 15.4970)
contains.

XYZ(16.4959, 13.7570, 15.4216)	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(16.4959, 13.7570,
15.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	885B6A
RGB	136, 91, 106
RGB Percent	53%, 36%, 42%
CMY	0.4667, 0.6431, 0.5843
CMYK	0.00, 0.33, 0.22, 0.47
HSL	340°, 20%, 45%
HSV	340°, 33%, 53%
XYZ	16.4959, 13.7570, 15.4216
YIQ	106.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

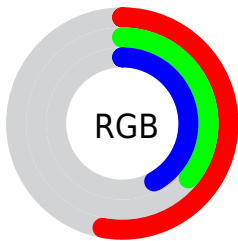
Format	Color
R_{YB}	136, 91, 106
Decimal	8936298
CIE _{Lab}	43.88, 20.79, -1.01
CIE _{LCh}	44, 20.811, 357.227
Yxy	13.7570, 0.3612, 0.3012
Android (android.graphics.Color)	4287126378 (0xFF885B6A)
YUV	106.1650, -0.0813, 26.1653
Hunter-Lab	37.0904, 14.4793, 1.3115

Details

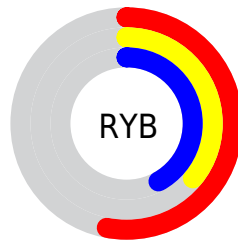
The XYZ color **16.4959, 13.7570, 15.4216** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.5703, 21.2132, 21.3113**, and the grayscale version is **13.7411, 14.4567, 15.7434**.

A 20% lighter version of the original color is **36.9940, 32.7275, 36.2655**, and **5.4364, 4.0484, 4.6326** is the 20% darker color. If you saturate the color by 10%, you get **14.9901, 11.4605, 12.7150**, and if you desaturate by 10%, it is **18.2631, 16.4962, 18.4616**.

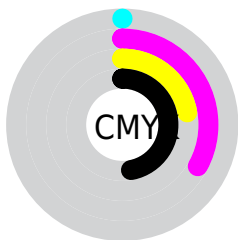
Distribution



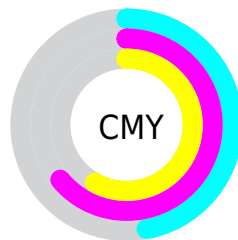
- Red (53%)
- Green (36%)
- Blue (42%)



- Red (53%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4959, 13.7570, 15.4216 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 16.4959, 13.7570, 15.4216 by changing the saturation by 10% instead.

■ 16.4959, 13.7570,
15.4216

■ 16.4959, 13.7570,
15.4216

■ 225.4637,
215.7138, 237.6321

■ 9.9688, 7.9519,
8.9659

■ 37.0075, 32.6572,
36.3438

■ 5.4404, 4.0642,
4.6224

■ 51.7228, 46.5211,
51.6474

■ 2.5453, 1.7095,
1.9727

■ 69.8981, 63.8400,
70.7374

■ 0.9182, 0.4298,
0.5384

■ 91.8989, 84.9984,
94.0323

■ 0.0000, 0.0000,
0.0000

■ 118.0905,
110.3805, 121.9507

148.8383,

140.3709, 154.9111

184.5076,
175.3538, 193.3321

■ 16.4959, 13.7570,
15.4216

■ 16.4959, 13.7570,
15.4216

■ 14.9901, 11.4605,
12.7150

■ 18.2631, 16.4962,
18.4616

■ 13.7316, 9.5813,
10.3291

■ 20.3024, 19.6978,
21.8456

■ 12.7066, 8.0945,
8.2515

■ 22.6256, 23.3826,
25.5844


■ 11.8997, 6.9717,
6.4685


■ 25.2433, 27.5697,
29.6884


■ 11.2931, 6.1805,
4.9654


■ 28.1654, 32.2771,
34.1673


 10.8662, 5.6827,
3.7256

 31.4016, 37.5218,
39.0306

 10.6333, 5.4262,
3.0028

 34.9609, 43.3202,
44.2874

 38.8522, 49.6879,
49.9464

 43.0839, 56.6399,
56.0161

Harmonies

Analogous

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



15.9193, 13.7570, 20.4367



16.4959, 13.7570, 15.4216



16.0944, 13.7570, 11.2054

Triad

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



16.4959, 13.7570, 15.4216



11.6813, 13.7570, 8.2821



11.4372, 13.7570, 23.9588

Complementary

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



16.4959, 13.7570, 15.4216



16.5703, 21.2132, 21.3113

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.



10.4601, 13.7570, 19.5170



16.4959, 13.7570, 15.4216



10.5925, 13.7570, 10.5914

Square

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



16.4959, 13.7570, 15.4216



13.2292, 13.7570, 7.6310



10.1641, 13.7570, 14.5450



12.9232, 13.7570, 25.9701

Rectangle

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



16.4959, 13.7570, 15.4216



15.3432, 13.7570, 9.2654



10.1641, 13.7570, 14.5450



11.0432, 13.7570, 22.6602

Sweetspot

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



16.4963, 13.7576, 15.4219



36.9014, 36.4876, 40.3238



16.0707, 13.3254, 25.0176



8.4339, 8.2729, 9.1568



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.



16.4963, 13.7576, 15.4219



26.9673, 21.0296, 23.4162



16.4567, 14.8194, 11.8914



5.0972, 5.0743, 5.6001



10.0681, 5.1374, 2.8631



0.0732, 0.0366, 0.0520

Inverse Universe

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



16.4963, 13.7576, 15.4219



26.9673, 21.0296, 23.4162



16.5433, 19.5712, 26.1983



5.0972, 5.0743, 5.6001



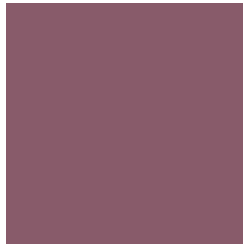
10.0681, 5.1374, 2.8631



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 16.4959, 13.7570, 15.4216 looks on a white background.

Color Contrast Check

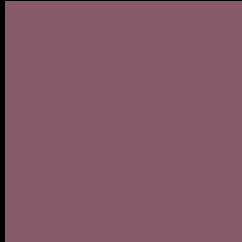
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4959, 13.7570, 15.4216 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 16.4959, 13.7570, 15.4216

Background



This preview shows how black text looks on a background with the XYZ color 16.4959, 13.7570, 15.4216.



This preview shows how white text looks on a background with the XYZ color 16.4959, 13.7570,

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

16.4959, 13.7570, 15.4216

Protanopia

13.4244, 13.7763, 17.5743

Deuteranopia

14.0918, 13.8842, 15.0339



Tritanopia

16.0710, 13.7060, 13.6029

Trichromacy



Original Color

16.4959, 13.7570, 15.4216

Protanomaly

14.3465, 13.6943, 16.6390

Deuteranomaly

14.8505, 13.7069, 15.2276

Tritanomaly

16.2171, 13.7645, 14.3725

Monochromacy



Original Color

16.4959, 13.7570, 15.4216

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.5913, 14.1299, 15.5940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4959, 13.7570, 15.4216 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(136, 91, 106)` looks like.

```
.text, #text, p{  
    color:rgb(136, 91, 106)  
}
```

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(136, 91, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 91, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.4959, 13.7570, 15.4216 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(136, 91, 106) }
```


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

```
.border{ border-color:rgb(136, 91, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 91, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 91, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 91, 106);  
box-shadow:4px 4px 4px 4px rgb(136, 91,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4959, 13.7570, 15.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 91, 106) }
```

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

```
.background{ background-color: rgb(136, 91,  
106) }
```

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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