

Converting Colors

XYZ(16.8004, 16.8592, 14.2862)

Have a look what the booklet for
XYZ(16.8004, 16.8592, 14.2862)
contains.

XYZ(16.8387, 16.8589, 14.1710)	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(16.8387, 16.8589,
14.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	806F63
RGB	128, 111, 99
RGB Percent	50%, 44%, 39%
CMY	0.4980, 0.5647, 0.6118
CMYK	0.00, 0.13, 0.23, 0.50
HSL	25°, 13%, 45%
HSV	25°, 23%, 50%
XYZ	16.8387, 16.8589, 14.1710
YIQ	114.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

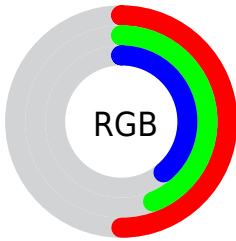
Format	Color
R_{YB}	128, 119, 99
Decimal	8417123
CIE Lab	48.08, 4.60, 9.13
CIE LCh	48, 10.227, 63.239
Yxy	16.8589, 0.3518, 0.3522
Android (android.graphics.Color)	4286607203 (0xFF806F63)
YUV	114.7150, -7.7475, 11.6509
Hunter-Lab	41.0596, 1.3493, 8.2788

Details

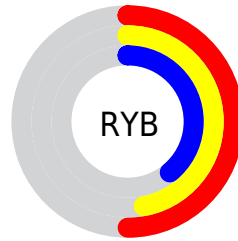
The XYZ color **16.8387, 16.8589, 14.1710** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2873, 16.7017, 22.8404**, and the grayscale version is **16.2295, 17.0747, 18.5944**.

A 20% lighter version of the original color is **37.6583, 38.2202, 34.2466**, and **5.5392, 5.4226, 4.0035** is the 20% darker color. If you saturate the color by 10%, you get **15.4902, 15.0647, 10.9380**, and if you desaturate by 10%, it is **18.3539, 18.8309, 17.9386**.

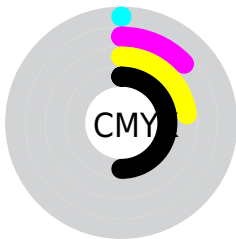
Distribution



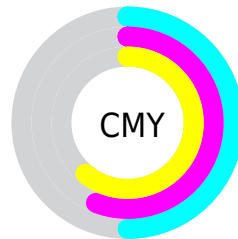
- Red (50%)
- Green (44%)
- Blue (39%)



- Red (50%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8387, 16.8589, 14.1710 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 16.8387, 16.8589, 14.1710 by changing the saturation by 10% instead.

■ 16.8387, 16.8589,
14.1710

■ 16.8387, 16.8589,
14.1710

227.4155,
234.3579, 229.7574

■ 10.2141, 10.1339,
8.0996

■ 37.5940, 38.0830,
34.1136

■ 5.6045, 5.4879,
4.0701

■ 52.4555, 53.3510,
48.8219

■ 2.6445, 2.5362,
1.6639

■ 70.7934, 72.2354,
67.2462

■ 0.9687, 0.8947,
0.3358

■ 92.9730, 95.1206,
89.8051

■ 0.0000, 0.0000,
0.0000

119.3596,
122.3911, 116.9172

150.3187,

154.4312, 149.0008

186.2156,
191.6254, 186.4747

■ 16.8387, 16.8589,
14.1710

■ 16.8387, 16.8589,
14.1710

■ 15.4902, 15.0647,
10.9380

■ 18.3539, 18.8309,
17.9386

■ 14.3008, 13.4410,
8.2139

■ 20.0403, 20.9835,
22.2627

■ 13.2643, 11.9829,
5.9725

■ 21.9040, 23.3222,
27.1653

■ 12.3735, 10.6848,
4.1850

■ 23.9503, 25.8514,
32.6667

■ 11.6205, 9.5404,
2.8192

■ 26.1842, 28.5756,
38.7866

■ 10.9965, 8.5429,
1.8386

■ 28.6106, 31.4991,
45.5434

■ 10.4913, 7.6851,
1.2004

■ 31.2342, 34.6259,
52.9549

■ 10.1742, 7.1332,
0.8406

■ 34.0595, 37.9599,
61.0382

■ 37.0909, 41.5051,
69.8099

Harmonies

Analogous

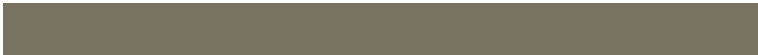
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.5591, 16.8589, 15.7019



16.8387, 16.8589, 14.1710



15.9235, 16.8589, 13.7232

Triad

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



16.8387, 16.8589, 14.1710



14.3118, 16.8589, 18.6460



17.0194, 16.8589, 22.9583

Complementary

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



16.8387, 16.8589, 14.1710



15.2873, 16.7017, 22.8404

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.



16.1247, 16.8589, 23.9303



16.8387, 16.8589, 14.1710



14.5809, 16.8589, 21.2946

Square

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



16.8387, 16.8589, 14.1710



14.4867, 16.8589, 16.1557



15.2358, 16.8589, 23.2942



17.6662, 16.8589, 20.7486

Rectangle

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



16.8387, 16.8589, 14.1710



15.3318, 16.8589, 14.0599



15.2358, 16.8589, 23.2942



16.7364, 16.8589, 23.4498

Sweetspot

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



16.8392, 16.8597, 14.1714



33.9080, 35.1969, 35.6428



16.5399, 14.7834, 18.6273



7.9076, 8.2008, 8.2649



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.8392, 16.8597, 14.1714



28.4325, 28.0763, 22.0091



18.5008, 20.1829, 14.7252



4.4626, 4.6139, 4.5755



10.0896, 7.0756, 0.8339



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2873, 16.7017, 22.8404



25.2141, 27.7473, 39.9831



13.7837, 13.6945, 22.3392



4.3018, 4.5977, 5.4740



6.3614, 6.5413, 21.1773



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.8387, 16.8589, 14.1710 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 16.8387, 16.8589, 14.1710 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

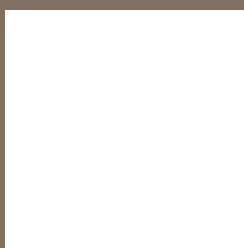
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8387, 16.8589, 14.1710

Background



This preview shows how black text looks on a background with the XYZ color 16.8387, 16.8589, 14.1710.



This preview shows how white text looks on a background with the XYZ color 16.8387, 16.8589,

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

16.8387, 16.8589, 14.1710

Protanopia

15.9253, 16.8767, 14.4748

Deuteranopia

17.1881, 16.8780, 14.1562



Tritanopia

17.7794, 16.7553, 19.1266

Trichromacy



Original Color

16.8387, 16.8589, 14.1710

Protanomaly

16.2314, 16.8679, 14.4569

Deuteranomaly

17.0340, 16.7985, 14.1490

Tritanomaly

17.3364, 16.7302, 17.0674

Monochromacy



Original Color

16.8387, 16.8589, 14.1710

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5234, 17.1318, 16.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8387, 16.8589, 14.1710 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(128, 111, 99)` looks like.

```
.text, #text, p{  
    color:rgb(128, 111, 99)  
}
```

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(128, 111, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 99) }
```

Border

The CSS property to change the border of an element to XYZ 16.8387, 16.8589, 14.1710 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(128, 111, 99) }
```


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

```
.border{ border-color:rgb(128, 111, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 111, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8387, 16.8589, 14.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 99) }
```

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

```
.background{ background-color: rgb(128,  
111, 99) }
```

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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