

Converting Colors

XYZ(15.4491, 13.8373, 14.8204)

Have a look what the booklet for
XYZ(15.4491, 13.8373, 14.8204)
contains.

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Color

**XYZ(15.5836, 13.9544,
14.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	806068
RGB	128, 96, 104
RGB Percent	50%, 38%, 41%
CMY	0.4980, 0.6235, 0.5922
CMYK	0.00, 0.25, 0.19, 0.50
HSL	345°, 14%, 44%
HSV	345°, 25%, 50%
XYZ	15.5836, 13.9544, 14.9688
YIQ	106.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

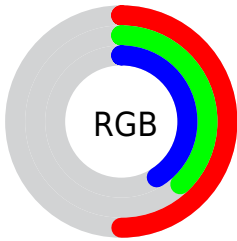
Format	Color
R_{YB}	128, 96, 104
Decimal	8413288
CIE _{Lab}	44.17, 14.32, 0.52
CIE _{LCh}	44, 14.328, 2.060
Yxy	13.9544, 0.3501, 0.3135
Android (android.graphics.Color)	4286603368 (0xFF806068)
YUV	106.4800, -1.2226, 18.8730
Hunter-Lab	37.3556, 9.0924, 2.3907

Details

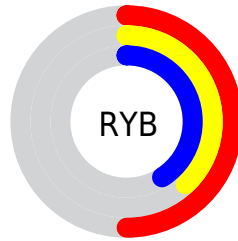
The XYZ color **15.5836, 13.9544, 14.9688** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9337, 19.2815, 20.6521**, and the grayscale version is **13.8318, 14.5522, 15.8473**.

A 20% lighter version of the original color is **35.4062, 33.0578, 35.5250**, and **4.9787, 4.1117, 4.4021** is the 20% darker color. If you saturate the color by 10%, you get **14.0493, 11.6222, 12.1868**, and if you desaturate by 10%, it is **17.3644, 16.6904, 18.1073**.

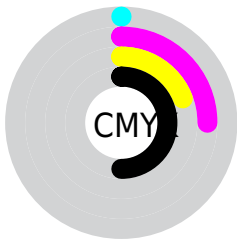
Distribution



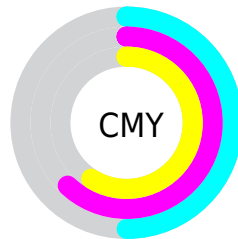
- Red (50%)
- Green (38%)
- Blue (41%)



- Red (50%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5836, 13.9544, 14.9688 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 15.5836, 13.9544, 14.9688 by changing the saturation by 10% instead.

■ 15.5836, 13.9544,
14.9688

■ 15.5836, 13.9544,
14.9688

220.1910,
216.9470, 234.8116

■ 9.3190, 8.0890,
8.6511

■ 35.4371, 33.0081,
35.5400

■ 5.0086, 4.1519,
4.4206

■ 49.7567, 46.9651,
50.6305

■ 2.2871, 1.7589,
1.8588

■ 67.4919, 64.3882,
69.4825

■ 0.7881, 0.4614,
0.4663

■ 89.0082, 85.6616,
92.5143

■ 0.0000, 0.0000,
0.0000

114.6709,
111.1698, 120.1446

144.8454,

141.2971, 152.7919

179.8969,
176.4281, 190.8747

■ 15.5836, 13.9544,
14.9688

■ 15.5836, 13.9544,
14.9688

■ 14.0493, 11.6222,
12.1868

■ 17.3644, 16.6904,
18.1073

■ 12.7493, 9.6728,
9.7476

■ 19.4008, 19.8462,
21.6135

■ 11.6720, 8.0862,
7.6379

■ 21.7031, 23.4391,
25.4993

■ 10.8045, 6.8396,
5.8430

■ 24.2803, 27.4851,
29.7758

■ 10.1324, 5.9079,
4.3473

■ 27.1413, 31.9991,
34.4536

■ 9.6394, 5.2622,
3.1335

■ 30.2945, 36.9956,
39.5429

■ 9.3023, 4.8605,
2.1813

■ 33.7479, 42.4883,
45.0535

■ 9.1627, 4.6934,
1.7890

■ 37.5092, 48.4903,
50.9948

■ 41.5858, 55.0144,
57.3761

Harmonies

Analogous

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



15.3016, 13.9544, 18.3388



15.5836, 13.9544, 14.9688



15.2148, 13.9544, 12.0912

Triad

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



15.5836, 13.9544, 14.9688



12.1303, 13.9544, 10.4586



12.2597, 13.9544, 21.4620

Complementary

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



15.5836, 13.9544, 14.9688



15.9337, 19.2815, 20.6521

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.



11.4861, 13.9544, 18.7867



15.5836, 13.9544, 14.9688



11.4145, 13.9544, 12.4309

Square

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



15.5836, 13.9544, 14.9688



13.1844, 13.9544, 9.7308



11.1855, 13.9544, 15.4214



13.3424, 13.9544, 22.3939

Rectangle

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



15.5836, 13.9544, 14.9688



14.6612, 13.9544, 10.7501



11.1855, 13.9544, 15.4214



11.9571, 13.9544, 20.7195

Sweetspot

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



15.5840, 13.9550, 14.9691



33.3433, 33.6759, 36.6622



15.8253, 13.9180, 22.2744



7.7678, 7.8242, 8.5172



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.



15.5840, 13.9550, 14.9691



25.8480, 22.1470, 23.4913



15.9641, 15.3349, 13.1857



4.3685, 4.3605, 4.7448



9.0860, 4.6541, 1.7765



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5840, 13.9550, 14.9691



25.8480, 22.1470, 23.4913



15.4371, 17.4786, 22.9822



4.3685, 4.3605, 4.7448



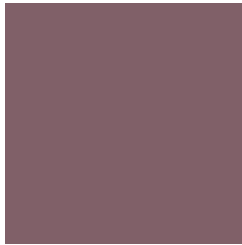
9.0860, 4.6541, 1.7765



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5836, 13.9544, 14.9688 looks on a white background.

Color Contrast Check

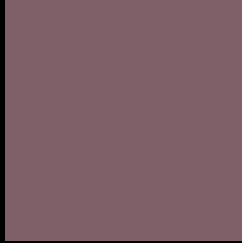
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5836, 13.9544, 14.9688 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 15.5836, 13.9544, 14.9688

Background



This preview shows how black text looks on a background with the XYZ color 15.5836, 13.9544, 14.9688.



This preview shows how white text looks on a background with the XYZ color 15.5836, 13.9544,

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

15.5836, 13.9544, 14.9688

Protanopia

13.5363, 14.0080, 16.4584

Deuteranopia

14.1721, 13.9315, 14.7741



Tritanopia

15.5331, 13.9342, 14.7028

Trichromacy



Original Color

15.5836, 13.9544, 14.9688

Protanomaly

14.1176, 13.8796, 15.8449

Deuteranomaly

14.6558, 13.8960, 14.7417

Tritanomaly

15.5331, 13.9342, 14.7028

Monochromacy



Original Color

15.5836, 13.9544, 14.9688

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2406, 14.1001, 15.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5836, 13.9544, 14.9688 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, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 104)  
}
```

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, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.5836, 13.9544, 14.9688 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, 96, 104) }
```


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

```
.border{ border-color:rgb(128, 96, 104) }
```

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

Here you see how a box with a 4 pixel rgb(128, 96, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5836, 13.9544, 14.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 104) }
```

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

```
.background{ background-color: rgb(128, 96,  
104) }
```

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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