

Converting Colors

XYZ(15.4410, 12.8563, 13.6435)

Have a look what the booklet for
XYZ(15.4410, 12.8563, 13.6435)
contains.

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Color

**XYZ(15.4628, 12.8861,
13.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	855864
RGB	133, 88, 100
RGB Percent	52%, 35%, 39%
CMY	0.4784, 0.6549, 0.6078
CMYK	0.00, 0.34, 0.25, 0.48
HSL	344°, 20%, 43%
HSV	344°, 34%, 52%
XYZ	15.4628, 12.8861, 13.7289
YIQ	102.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

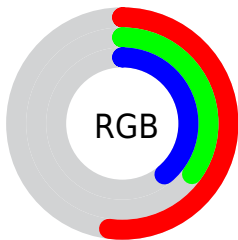
Format	Color
RYB	133, 88, 100
Decimal	8738916
CIELab	42.59, 20.40, 0.73
CIElCh	43, 20.417, 2.048
Yxy	12.8861, 0.3675, 0.3062
Android (<code>android.graphics.Color</code>)	4286928996 (<code>0xFF855864</code>)
YUV	102.8230, -1.3917, 26.4652
Hunter-Lab	35.8972, 14.0691, 2.4526

Details

The XYZ color **15.4628, 12.8861, 13.7289** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8637, 20.2305, 21.1588**, and the grayscale version is **12.8450, 13.5139, 14.7167**.

A 20% lighter version of the original color is **35.1679, 30.9761, 33.4036**, and **4.9735, 3.7161, 3.9452** is the 20% darker color. If you saturate the color by 10%, you get **14.0249, 10.7210, 11.0582**, and if you desaturate by 10%, it is **17.1572, 15.4734, 16.7643**.

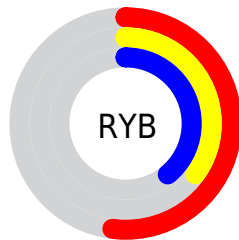
Distribution



Red (52%)

Green (35%)

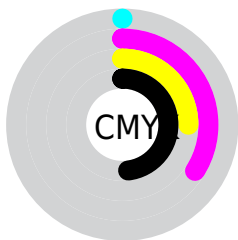
Blue (39%)



Red (52%)

Yellow (35%)

Blue (39%)

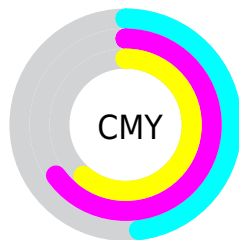


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (48%)



Cyan (48%)

Magenta (65%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4628, 12.8861, 13.7289 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 15.4628, 12.8861, 13.7289 by changing the saturation by 10% instead.

■ 15.4628, 12.8861,
13.7289

■ 15.4628, 12.8861,
13.7289

219.4839,
210.1864, 226.9072

■ 9.2333, 7.3502,
7.7958

■ 35.2281, 31.0990,
33.3174

■ 4.9520, 3.6820,
3.8786

■ 49.4945, 44.5448,
47.8098

■ 2.2536, 1.4973,
1.5590

■ 67.1706, 61.3959,
65.9925

■ 0.7707, 0.2869,
0.2613

■ 88.6218, 82.0369,
88.2838

■ 0.0000, 0.0000,
0.0000

■ 114.2133,
106.8520, 115.1024

144.3106,

136.2257, 146.8668

179.2790,
170.5424, 183.9956

■ 15.4628, 12.8861,
13.7289

■ 15.4628, 12.8861,
13.7289

■ 14.0249, 10.7210,
11.0582

■ 17.1572, 15.4734,
16.7643

■ 12.8295, 8.9538,
8.7373

■ 19.1189, 18.5020,
20.1769

■ 11.8630, 7.5605,
6.7515


■ 21.3594, 21.9917,
23.9795


■ 11.1100, 6.5138,
5.0845


■ 23.8892, 25.9610,
28.1842


■ 10.5530, 5.7826,
3.7187


■ 26.7182, 30.4269,
32.8025


 10.1705, 5.3281,
2.6341

 29.8560, 35.4061,
37.8453

 9.9831, 5.1106,
2.0865

 33.3116, 40.9140,
43.3232

 37.0937, 46.9657,
49.2465

 41.2105, 53.5755,
55.6251

Harmonies

Analogous

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



15.0637, 12.8861, 18.4081



15.4628, 12.8861, 13.7289



14.9422, 12.8861, 9.9833

Triad

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



15.4628, 12.8861, 13.7289



10.7382, 12.8861, 7.9846



10.9076, 12.8861, 22.9673

Complementary

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



15.4628, 12.8861, 13.7289



15.8637, 20.2305, 21.1588

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.



9.8986, 12.8861, 19.0465



15.4628, 12.8861, 13.7289



9.8068, 12.8861, 10.4090

Square

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



15.4628, 12.8861, 13.7289



12.1420, 12.8861, 7.1304



9.5126, 12.8861, 14.3370



12.3543, 12.8861, 24.3656

Rectangle

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



15.4628, 12.8861, 13.7289



14.1671, 12.8861, 8.3348



9.5126, 12.8861, 14.3370



10.5103, 12.8861, 21.8650

Sweetspot

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



15.4632, 12.8867, 13.7292



35.6258, 35.2890, 38.5057



15.6089, 12.7385, 23.8264



7.9212, 7.7871, 8.4961



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.



15.4632, 12.8867, 13.7292



25.5709, 19.8798, 20.6627



15.8493, 14.5209, 11.2008



4.7198, 4.7076, 5.1368



9.5122, 4.8692, 2.0034



0.0356, 0.0179, 0.0211

Inverse Universe

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



15.4632, 12.8867, 13.7292



25.5709, 19.8798, 20.6627



15.2797, 17.8107, 24.8227



4.7198, 4.7076, 5.1368



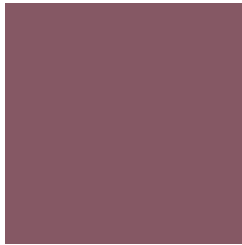
9.5122, 4.8692, 2.0034



0.0356, 0.0179, 0.0211

Previews

White Background



This preview shows how the XYZ color 15.4628, 12.8861, 13.7289 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 15.4628, 12.8861, 13.7289 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 15.4628, 12.8861, 13.7289

Background



This preview shows how black text looks on a background with the XYZ color 15.4628, 12.8861, 13.7289.



This preview shows how white text looks on a background with the XYZ color 15.4628, 12.8861,

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

15.4628, 12.8861, 13.7289

Protanopia

12.5778, 12.9426, 15.7452

Deuteranopia

13.2544, 13.0620, 13.3779



Tritanopia

15.3108, 12.9575, 12.5206

Trichromacy



Original Color

15.4628, 12.8861, 13.7289

Protanomaly

13.4916, 12.8759, 14.8709

Deuteranomaly

14.0006, 12.8993, 13.5563

Tritanomaly

15.4029, 12.9944, 13.0056

Monochromacy



Original Color

15.4628, 12.8861, 13.7289

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.7054, 13.2721, 14.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4628, 12.8861, 13.7289 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(133, 88, 100)` looks like.

```
.text, #text, p{  
    color:rgb(133, 88, 100)  
}
```

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(133, 88, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 88, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.4628, 12.8861, 13.7289 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(133, 88, 100) }
```


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

```
.border{ border-color:rgb(133, 88, 100) }
```

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

Here you see how a box with a 4 pixel rgb(133, 88, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 88, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 88, 100);  
box-shadow:4px 4px 4px 4px rgb(133, 88,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4628, 12.8861, 13.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 88, 100) }
```

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

```
.background{ background-color: rgb(133, 88,  
100) }
```

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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