

Converting Colors

XYZ(15.4283, 12.5373, 14.5791)

Have a look what the booklet for
XYZ(15.4283, 12.5373, 14.5791)
contains.

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Color

**XYZ(15.4201, 12.4830,
14.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	855568
RGB	133, 85, 104
RGB Percent	52%, 33%, 41%
CMY	0.4784, 0.6667, 0.5922
CMYK	0.00, 0.36, 0.22, 0.48
HSL	336°, 22%, 43%
HSV	336°, 36%, 52%
XYZ	15.4201, 12.4830, 14.6934
YIQ	101.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

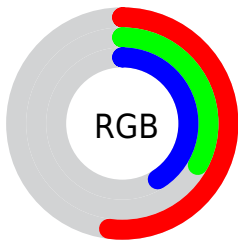
Format	Color
RYB	133, 85, 104
Decimal	8738152
CIELab	41.97, 22.81, -2.63
CIElCh	42, 22.965, 353.423
Yxy	12.4830, 0.3620, 0.2931
Android (android.graphics.Color)	4286928232 (0xFF855568)
YUV	101.5180, 1.2236, 27.6097
Hunter-Lab	35.3313, 16.0754, 0.0747

Details

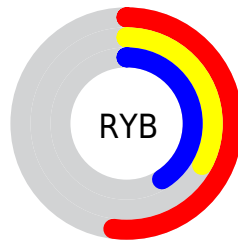
The XYZ color **15.4201, 12.4830, 14.6934** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1717, 19.9217, 18.9663**, and the grayscale version is **12.4969, 13.1477, 14.3178**.

A 20% lighter version of the original color is **35.0739, 30.2593, 35.0024**, and **4.9113, 3.4755, 4.2829** is the 20% darker color. If you saturate the color by 10%, you get **14.0809, 10.4269, 12.3282**, and if you desaturate by 10%, it is **16.9958, 14.9495, 17.3296**.

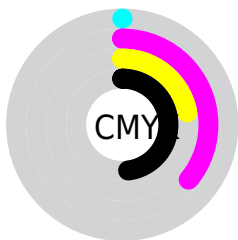
Distribution



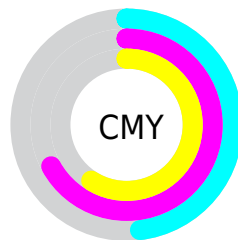
- Red (52%)
- Green (33%)
- Blue (41%)



- Red (52%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4201, 12.4830, 14.6934 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 15.4201, 12.4830, 14.6934 by changing the saturation by 10% instead.

■ 15.4201, 12.4830,
14.6934

■ 15.4201, 12.4830,
14.6934

219.2334,
207.5772, 233.0794

■ 9.2030, 7.0735,
8.4603

■ 35.1541, 30.3718,
35.0491

■ 4.9320, 3.5081,
4.2989

■ 49.4018, 43.6199,
50.0087

■ 2.2418, 1.4024,
1.7907

■ 67.0569, 60.2496,
68.7142

■ 0.7646, 0.2185,
0.4218

■ 88.4850, 80.6455,
91.5842

■ 0.0000, 0.0000,
0.0000

■ 114.0513,
105.1917, 119.0371

144.1213,

134.2728, 151.4916

179.0602,
168.2732, 189.3662

■ 15.4201, 12.4830,
14.6934

■ 15.4201, 12.4830,
14.6934

■ 14.0809, 10.4269,
12.3282

■ 16.9958, 14.9495,
17.3296

■ 12.9649, 8.7569,
10.2239

■ 18.8180, 17.8454,
20.2450

■ 12.0593, 7.4488,
8.3708

■ 20.8978, 21.1908,
23.4483

■ 11.3492, 6.4751,
6.7580

■ 23.2449, 25.0037,
26.9474

■ 10.8179, 5.8038,
5.3739

■ 25.8686, 29.3014,
30.7501

■ 10.4380, 5.3830,
4.2027

■ 28.7780, 34.1002,
34.8639

■ 10.3074, 5.2404,
3.7933

■ 31.9813, 39.4156,
39.2958

■ 35.4867, 45.2625,
44.0528

■ 39.3021, 51.6551,
49.1416

Harmonies

Analogous

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



14.6903, 12.4830, 19.9738



15.4201, 12.4830, 14.6934



15.1266, 12.4830, 10.1975

Triad

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



15.4201, 12.4830, 14.6934



10.6113, 12.4830, 6.6804



10.0202, 12.4830, 22.5888

Complementary

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



15.4201, 12.4830, 14.6934



15.1717, 19.9217, 18.9663

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.



9.1091, 12.4830, 17.6665



15.4201, 12.4830, 14.6934



9.4269, 12.4830, 8.7386

Square

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



15.4201, 12.4830, 14.6934



12.2434, 12.4830, 6.2477



8.9027, 12.4830, 12.5468



11.4940, 12.4830, 25.1845

Rectangle

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



15.4201, 12.4830, 14.6934



14.4027, 12.4830, 8.1157



8.9027, 12.4830, 12.5468



9.6439, 12.4830, 21.1021

Sweetspot

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



15.4205, 12.4836, 14.6937



35.4422, 34.7531, 38.9644



14.3961, 11.7551, 23.7008



7.8917, 7.6799, 8.6346



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.



15.4205, 12.4836, 14.6937



25.6880, 19.3907, 22.9317



14.9524, 12.9217, 10.3010



4.7433, 4.7170, 5.2603



9.8216, 4.9930, 3.6331



0.0374, 0.0187, 0.0306

Inverse Universe

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



15.4205, 12.4836, 14.6937



25.6880, 19.3907, 22.9317



15.7257, 19.1158, 25.0515



4.7433, 4.7170, 5.2603



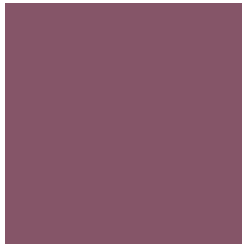
9.8216, 4.9930, 3.6331



0.0374, 0.0187, 0.0306

Previews

White Background



This preview shows how the XYZ color 15.4201, 12.4830, 14.6934 looks on a white background.

Color Contrast Check

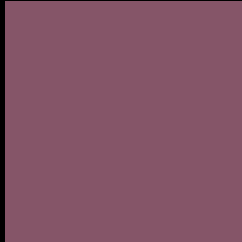
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4201, 12.4830, 14.6934 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 15.4201, 12.4830, 14.6934

Background



This preview shows how black text looks on a background with the XYZ color 15.4201, 12.4830, 14.6934.



This preview shows how white text looks on a background with the XYZ color 15.4201, 12.4830,

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

15.4201, 12.4830, 14.6934

Protanopia

12.3162, 12.6349, 17.1189

Deuteranopia

12.7655, 12.5132, 14.3128



Tritanopia

14.8997, 12.5122, 11.9857

Trichromacy



Original Color

15.4201, 12.4830, 14.6934

Protanomaly

13.1934, 12.4245, 16.1708

Deuteranomaly

13.6114, 12.4155, 14.5110

Tritanomaly

15.0012, 12.4242, 12.9167

Monochromacy



Original Color

15.4201, 12.4830, 14.6934

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4411, 12.8557, 14.6049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4201, 12.4830, 14.6934 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, 85, 104)` looks like.

```
.text, #text, p{  
    color:rgb(133, 85, 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(133, 85, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 85, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.4201, 12.4830, 14.6934 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, 85, 104) }
```


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

```
.border{ border-color:rgb(133, 85, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 85, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 85, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 85, 104);  
box-shadow:4px 4px 4px 4px rgb(133, 85,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4201, 12.4830, 14.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 85, 104) }
```

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

```
.background{ background-color: rgb(133, 85,  
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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