

Converting Colors

XYZ(15.7662, 13.7052, 12.4041)

Have a look what the booklet for
XYZ(15.7662, 13.7052, 12.4041)
contains.

XYZ(15.7662, 13.7052, 12.4041)	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(15.7662, 13.7052,
12.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	865D5E
RGB	134, 93, 94
RGB Percent	53%, 36%, 37%
CMY	0.4745, 0.6353, 0.6314
CMYK	0.00, 0.31, 0.30, 0.47
HSL	359°, 18%, 45%
HSV	359°, 31%, 53%
XYZ	15.7662, 13.7052, 12.4041
YIQ	105.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

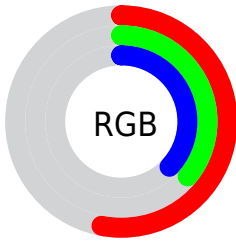
Format	Color
R_{YB}	134, 93, 94
Decimal	8805726
CIE _{Lab}	43.81, 16.94, 6.16
CIE _{LCh}	44, 18.023, 19.993
Yxy	13.7052, 0.3765, 0.3273
Android (android.graphics.Color)	4286995806 (0xFF865D5E)
YUV	105.3730, -5.6069, 25.1059
Hunter-Lab	37.0205, 11.2331, 6.0487

Details

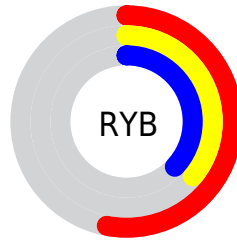
The XYZ color **15.7662, 13.7052, 12.4041** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2735, 21.0710, 25.3480**, and the grayscale version is **13.5390, 14.2440, 15.5118**.

A 20% lighter version of the original color is **35.7463, 32.6515, 30.8039**, and **5.0778, 4.0064, 3.3020** is the 20% darker color. If you saturate the color by 10%, you get **14.1537, 11.3408, 9.2132**, and if you desaturate by 10%, it is **17.6850, 16.5229, 16.1877**.

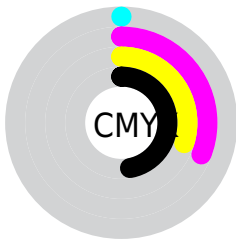
Distribution



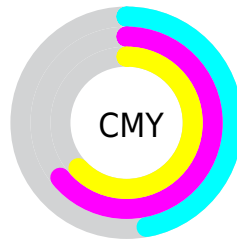
- Red (53%)
- Green (36%)
- Blue (37%)



- Red (53%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7662, 13.7052, 12.4041 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 15.7662, 13.7052, 12.4041 by changing the saturation by 10% instead.

■ 15.7662, 13.7052,
12.4041

■ 15.7662, 13.7052,
12.4041

221.2557,
215.3891, 218.1345

■ 9.4487, 7.9159,
6.8936

■ 35.7526, 32.5650,
30.9043

■ 5.0944, 4.0412,
3.3182

■ 50.1521, 46.4044,
44.7312

■ 2.3381, 1.6966,
1.2593

■ 67.9764, 63.6958,
62.1672

■ 0.8140, 0.4215,
0.0281

■ 89.5907, 84.8238,
83.6310

■ 0.0000, 0.0000,
0.0000

115.3604,
110.1728, 109.5411

145.6510,

140.1270, 140.3160

180.8276,
175.0710, 176.3743

■ 15.7662, 13.7052,
12.4041

■ 15.7662, 13.7052,
12.4041

■ 14.1537, 11.3408,
9.2132

■ 17.6850, 16.5229,
16.1877

■ 12.8305, 9.4042,
6.5842

■ 19.9236, 19.8138,
20.5911

■ 11.7799, 7.8704,
4.4849

■ 22.4960, 23.5988,
25.6406

■ 10.9830, 6.7111,
2.8794

■ 25.4151, 27.8973,
31.3607

■ 10.4182, 5.8942,
1.7272

■ 28.6932, 32.7273,
37.7748

■ 10.0606, 5.3822,
0.9816

■ 32.3418, 38.1062,
44.9050

■ 9.8493, 5.0754,
0.5541

■ 36.3721, 44.0504,
52.7725

■ 40.7946, 50.5759,
61.3977

■ 45.6196, 57.6977,
70.8001

Harmonies

Analogous

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



15.9064, 13.7052, 16.3240



15.7662, 13.7052, 12.4041



14.8629, 13.7052, 9.6959

Triad

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



15.7662, 13.7052, 12.4041



11.0438, 13.7052, 10.4364



12.5574, 13.7052, 24.0305

Complementary

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



15.7662, 13.7052, 12.4041



17.2735, 21.0710, 25.3480

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.



11.3477, 13.7052, 21.7541



15.7662, 13.7052, 12.4041



10.5168, 13.7052, 13.6038

Square

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



15.7662, 13.7052, 12.4041



12.1144, 13.7052, 8.7112



10.6239, 13.7052, 17.7609



13.9830, 13.7052, 23.5494

Rectangle

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



15.7662, 13.7052, 12.4041



13.9837, 13.7052, 8.7117



10.6239, 13.7052, 17.7609



12.1138, 13.7052, 23.5485

Sweetspot

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



15.7666, 13.7058, 12.4044



35.7004, 35.7880, 37.4523



17.8328, 14.5073, 24.4144



7.9214, 7.8838, 8.1987



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.



15.7666, 13.7058, 12.4044



25.6750, 21.0622, 17.6941



17.6165, 17.4769, 12.8017



4.6768, 4.6904, 4.9105



9.2309, 4.7567, 0.5224



0.0323, 0.0166, 0.0033

Inverse Universe

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



15.7666, 13.7058, 12.4044



25.6750, 21.0622, 17.6941



14.9334, 16.2800, 24.9094



4.6768, 4.6904, 4.9105



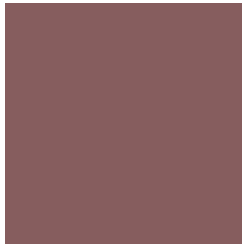
9.2309, 4.7567, 0.5224



0.0323, 0.0166, 0.0033

Previews

White Background



This preview shows how the XYZ color 15.7662, 13.7052, 12.4041 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 15.7662, 13.7052, 12.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

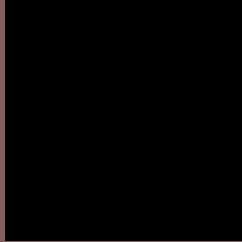
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7662, 13.7052, 12.4041

Background



This preview shows how black text looks on a background with the XYZ color 15.7662, 13.7052, 12.4041.



This preview shows how white text looks on a background with the XYZ color 15.7662, 13.7052,

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

15.7662, 13.7052, 12.4041

Protanopia

13.2139, 13.7464, 14.0135

Deuteranopia

14.0042, 13.7562, 12.2730



Tritanopia

16.0710, 13.7060, 13.6029

Trichromacy



Original Color

15.7662, 13.7052, 12.4041

Protanomaly

14.0026, 13.5874, 13.4399

Deuteranomaly

14.5627, 13.6248, 12.2182

Tritanomaly

15.9765, 13.6683, 13.1054

Monochromacy



Original Color

15.7662, 13.7052, 12.4041

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2051, 13.9599, 14.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7662, 13.7052, 12.4041 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(134, 93, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 93, 94)  
}
```

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(134, 93, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 93, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.7662, 13.7052, 12.4041 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(134, 93, 94) }
```


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

```
.border{ border-color:rgb(134, 93, 94) }
```

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

Here you see how a box with a 4 pixel rgb(134, 93, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 93, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 93, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 93,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7662, 13.7052, 12.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 93, 94) }
```

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

```
.background{ background-color: rgb(134, 93,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor