

Converting Colors

XYZ(15.6853, 13.9212, 12.7447)

Have a look what the booklet for
XYZ(15.6853, 13.9212, 12.7447)
contains.

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Color

**XYZ(15.6735, 13.9162,
12.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	845F5F
RGB	132, 95, 95
RGB Percent	52%, 37%, 37%
CMY	0.4824, 0.6274, 0.6274
CMYK	0.00, 0.28, 0.28, 0.48
HSL	0°, 16%, 45%
HSV	0°, 28%, 52%
XYZ	15.6735, 13.9162, 12.6865
YIQ	106.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

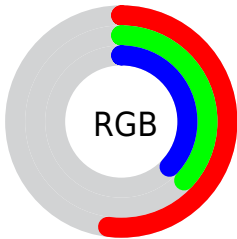
Format	Color
R_{YB}	132, 95, 95
Decimal	8675167
CIE _{Lab}	44.11, 15.08, 5.96
CIE _{LCh}	44, 16.215, 21.558
Yxy	13.9162, 0.3707, 0.3292
Android (android.graphics.Color)	4286865247 (0xFF845F5F)
YUV	106.0630, -5.4541, 22.7467
Hunter-Lab	37.3044, 9.7143, 5.9497

Details

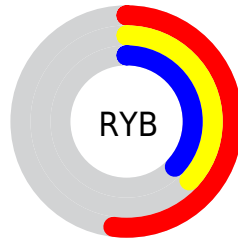
The XYZ color **15.6735, 13.9162, 12.6865** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1352, 20.6007, 24.9031**, and the grayscale version is **13.7274, 14.4423, 15.7277**.

A 20% lighter version of the original color is **35.6394, 33.0412, 31.2873**, and **5.0047, 4.0850, 3.4304** is the 20% darker color. If you saturate the color by 10%, you get **14.0337, 11.5169, 9.4263**, and if you desaturate by 10%, it is **17.6172, 16.7605, 16.5500**.

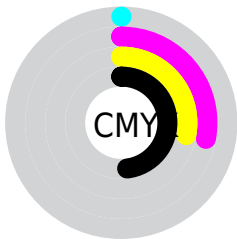
Distribution



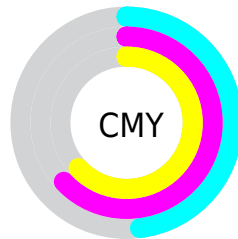
- Red (52%)
- Green (37%)
- Blue (37%)



- Red (52%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (48%)





- Cyan (48%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6735, 13.9162, 12.6865 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 15.6735, 13.9162, 12.6865 by changing the saturation by 10% instead.


 15.6735, 13.9162,
12.6865


 15.6735, 13.9162,
12.6865


220.7158,
216.7089, 220.0354


 9.3828, 8.0624,
7.0848


 35.5925, 32.9403,
31.4223


 5.0508, 4.1349,
3.4360

 49.9515, 46.8793,
45.3935

 2.3122, 1.7493,
1.3213

 67.7306, 64.2823,
62.9917

 0.8009, 0.4553,
0.0792

 89.2952, 85.5335,
84.6353

 0.0000, 0.0000,
0.0000

115.0107,
111.0173, 110.7429

145.2424,

141.1183, 141.7332

180.3556,
176.2206, 178.0245

■ 15.6735, 13.9162,
12.6865

■ 15.6735, 13.9162,
12.6865

■ 14.0337, 11.5169,
9.4263

■ 17.6172, 16.7605,
16.5500

■ 12.6815, 9.5382,
6.7381

■ 19.8779, 20.0685,
21.0442

■ 11.6006, 7.9564,
4.5893

■ 22.4692, 23.8603,
26.1958

■ 10.7726, 6.7448,
2.9435

■ 25.4038, 28.1544,
32.0298

■ 10.1771, 5.8734,
1.7597

■ 28.6935, 32.9681,
38.5698

■ 9.7903, 5.3073,
0.9909

■ 32.3496, 38.3179,
45.8383

■ 9.5583, 4.9679,
0.5298

■ 36.3830, 44.2198,
53.8568

■ 9.5159, 4.9058,
0.4454

■ 40.8040, 50.6889,
62.6459

■ 45.6226, 57.7397,
72.2255

Harmonies

Analogous

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



15.8385, 13.9162, 16.2206



15.6735, 13.9162, 12.6865



14.8317, 13.9162, 10.2368

Triad

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



15.6735, 13.9162, 12.6865



11.3757, 13.9162, 11.1469



12.8657, 13.9162, 23.3320

Complementary

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



15.6735, 13.9162, 12.6865



17.1352, 20.6007, 24.9031

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.



11.7423, 13.9162, 21.4331



15.6735, 13.9162, 12.6865



10.9195, 13.9162, 14.1321

Square

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



15.6735, 13.9162, 12.6865



12.3353, 13.9162, 9.4538



11.0492, 13.9162, 17.9187



14.1605, 13.9162, 22.7758

Rectangle

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



15.6735, 13.9162, 12.6865



14.0281, 13.9162, 9.3575



11.0492, 13.9162, 17.9187



12.4568, 13.9162, 22.9499

Sweetspot

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



15.6739, 13.9169, 12.6868



34.9512, 35.2576, 36.9431



17.7729, 14.7561, 23.7413



8.0053, 8.0155, 8.3386



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.



15.6739, 13.9169, 12.6868



25.6081, 21.5859, 18.3691



17.5425, 17.6540, 13.3096



4.6726, 4.6888, 4.8881



9.2137, 4.7500, 0.4312



0.0319, 0.0165, 0.0015

Inverse Universe

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



17.1352, 20.6007, 24.9031



28.6495, 35.4970, 43.7948



14.8454, 16.0211, 24.1398



4.8016, 5.2788, 5.9666



12.0206, 17.5890, 23.8982



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 15.6735, 13.9162, 12.6865 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 15.6735, 13.9162, 12.6865 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 15.6735, 13.9162, 12.6865

Background



This preview shows how black text looks on a background with the XYZ color 15.6735, 13.9162, 12.6865.



This preview shows how white text looks on a background with the XYZ color 15.6735, 13.9162,

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

15.6735, 13.9162, 12.6865

Protanopia

13.4349, 14.0089, 14.0525

Deuteranopia

14.2818, 14.0375, 12.5464



Tritanopia

16.0245, 13.9315, 14.1564

Trichromacy



Original Color

15.6735, 13.9162, 12.6865

Protanomaly

14.1944, 13.9711, 13.5038

Deuteranomaly

14.7944, 14.0169, 12.5155

Tritanomaly

15.9277, 13.8928, 13.6465

Monochromacy



Original Color

15.6735, 13.9162, 12.6865

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2199, 14.1069, 14.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6735, 13.9162, 12.6865 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(132, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(132, 95, 95)  
}
```

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(132, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 95, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.6735, 13.9162, 12.6865 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(132, 95, 95) }
```


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

```
.border{ border-color:rgb(132, 95, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 95, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(132, 95,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6735, 13.9162, 12.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 95, 95) }
```

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

```
.background{ background-color: rgb(132, 95,  
95) }
```

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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