

Converting Colors

XYZ(15.0317, 13.4628, 12.1623)

Have a look what the booklet for
XYZ(15.0317, 13.4628, 12.1623)
contains.

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Color

**XYZ(15.0317, 13.4628,
12.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	815E5D
RGB	129, 94, 93
RGB Percent	51%, 37%, 36%
CMY	0.4941, 0.6314, 0.6353
CMYK	0.00, 0.27, 0.28, 0.49
HSL	2°, 16%, 44%
HSV	2°, 28%, 51%
XYZ	15.0317, 13.4628, 12.1623
YIQ	104.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

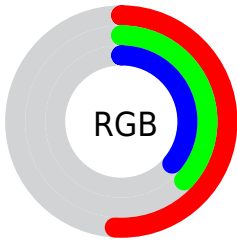
Format	Color
R_{YB}	129, 94, 93
Decimal	8478301
CIE _{Lab}	43.45, 14.13, 6.18
CIE _{LCh}	43, 15.425, 23.637
Yxy	13.4628, 0.3697, 0.3311
Android (android.graphics.Color)	4286668381 (0xFF815E5D)
YUV	104.3510, -5.5960, 21.6172
Hunter-Lab	36.6917, 8.9167, 6.0312




Details

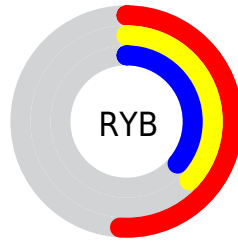
The XYZ color **15.0317, 13.4628, 12.1623** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1956, 19.3499, 23.6502**, and the grayscale version is **13.2630, 13.9538, 15.1956**.




A 20% lighter version of the original color is **34.6118, 32.3012, 30.3971**, and **4.7945, 3.9814, 3.2051** is the 20% darker color. If you saturate the color by 10%, you get **13.4819, 11.2016, 9.0605**, and if you desaturate by 10%, it is **16.8599, 16.1262, 15.8327**.

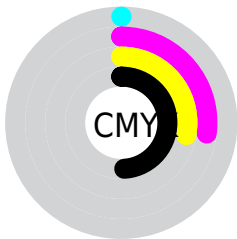
Distribution







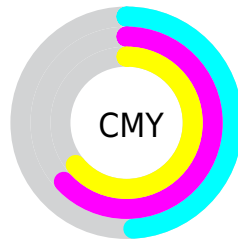
-  Red (51%)
-  Green (37%)
-  Blue (36%)






-  Red (51%)
-  Yellow (37%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (28%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (63%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0317, 13.4628, 12.1623 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 15.0317, 13.4628, 12.1623 by changing the saturation by 10% instead.

■ 15.0317, 13.4628,
12.1623

■ 15.0317, 13.4628,
12.1623

216.9426,
213.8628, 216.4927

■ 8.9281, 7.7480,
6.7304

■ 34.4800, 32.1328,
30.4592

■ 4.7510, 3.9341,
3.2182

■ 48.5554, 45.8567,
44.1612

■ 2.1352, 1.6368,
1.2071

■ 66.0187, 63.0192,
61.4571

■ 0.7082, 0.3822,
0.0000

■ 87.2354, 84.0045,
82.7654

■ 0.0000, 0.0000,
0.0000

112.5708,
109.1971, 108.5045

142.3902,

138.9815, 139.0931

177.0590,
173.7419, 174.9497

■ 15.0317, 13.4628,
12.1623

■ 15.0317, 13.4628,
12.1623

■ 13.4819, 11.2016,
9.0605

■ 16.8599, 16.1262,
15.8327

■ 12.1957, 9.3214,
6.4983

■ 18.9780, 19.2081,
20.0974

■ 11.1589, 7.8017,
4.4449

■ 21.3983, 22.7261,
24.9814

■ 10.3552, 6.6195,
2.8666

■ 24.1319, 26.6962,
30.5080

■ 9.7667, 5.7490,
1.7252

■ 27.1894, 31.1336,
36.6993

■ 9.3726, 5.1610,
0.9769

■ 30.5811, 36.0530,
43.5765

■ 9.1355, 4.8080,
0.5241

■ 34.3166, 41.4681,
51.1596

■ 9.0922, 4.7451,
0.4367

■ 38.4052, 47.3924,
59.4680

■ 42.8559, 53.8386,
68.5203

Harmonies

Analogous

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



15.2326, 13.4628, 15.4044



15.0317, 13.4628, 12.1623



14.2155, 13.4628, 9.9494

Triad

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



15.0317, 13.4628, 12.1623



11.0240, 13.4628, 11.0747



12.5416, 13.4628, 22.2682

Complementary

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



15.0317, 13.4628, 12.1623



16.1956, 19.3499, 23.6502

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.



11.4743, 13.4628, 20.6596



15.0317, 13.4628, 12.1623



10.6342, 13.4628, 13.9374

Square

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



15.0317, 13.4628, 12.1623



11.8917, 13.4628, 9.3936



10.7937, 13.4628, 17.4753



13.7450, 13.4628, 21.5953

Rectangle

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



15.0317, 13.4628, 12.1623



13.4581, 13.4628, 9.1818



10.7937, 13.4628, 17.4753



12.1560, 13.4628, 21.9692

Sweetspot

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



15.0321, 13.4634, 12.1626



33.8715, 34.2318, 35.7604



16.8903, 14.0651, 22.3850



7.5472, 7.5745, 7.8535



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.



15.0321, 13.4634, 12.1626



25.2316, 21.6487, 18.4011



16.7793, 16.9578, 12.7450



4.3366, 4.3620, 4.5335



8.8656, 4.6276, 0.4259



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1956, 19.3499, 23.6502



27.6489, 33.8805, 42.2748



14.0960, 15.1507, 22.9503



4.4365, 4.8670, 5.5189



11.0649, 15.9482, 22.7451



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0317, 13.4628, 12.1623 looks on a white background.

Color Contrast Check

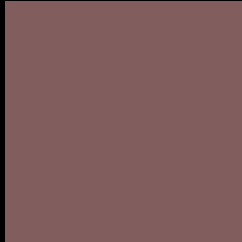
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0317, 13.4628, 12.1623 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 15.0317, 13.4628, 12.1623

Background



This preview shows how black text looks on a background with the XYZ color 15.0317, 13.4628, 12.1623.



This preview shows how white text looks on a background with the XYZ color 15.0317, 13.4628,

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

15.0317, 13.4628, 12.1623

Protanopia

12.9987, 13.6465, 13.5042

Deuteranopia

13.7297, 13.4783, 12.0032



Tritanopia

15.4205, 13.4946, 13.8486

Trichromacy



Original Color

15.0317, 13.4628, 12.1623

Protanomaly

13.6079, 13.5363, 12.9619

Deuteranomaly

14.0916, 13.3870, 11.9665

Tritanomaly

15.2779, 13.4376, 13.0977

Monochromacy



Original Color

15.0317, 13.4628, 12.1623

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6675, 13.5452, 13.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0317, 13.4628, 12.1623 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(129, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(129, 94, 93)  
}
```

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(129, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 94, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.0317, 13.4628, 12.1623 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(129, 94, 93) }
```


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

```
.border{ border-color:rgb(129, 94, 93) }
```

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

Here you see how a box with a 4 pixel rgb(129, 94, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(129, 94,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0317, 13.4628, 12.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 94, 93) }
```

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

```
.background{ background-color: rgb(129, 94,  
93) }
```

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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