

Converting Colors

XYZ(15.8133, 12.8498, 10.3570)

Have a look what the booklet for
XYZ(15.8133, 12.8498, 10.3570)
contains.

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Color

**XYZ(15.8227, 12.9029,
10.4607)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5656
RGB	140, 86, 86
RGB Percent	55%, 34%, 34%
CMY	0.4510, 0.6627, 0.6627
CMYK	0.00, 0.39, 0.39, 0.45
HSL	0°, 24%, 44%
HSV	0°, 39%, 55%
XYZ	15.8227, 12.9029, 10.4607
YIQ	102.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

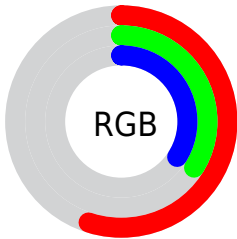
Format	Color
R_{YB}	140, 86, 86
Decimal	9197142
CIE _{Lab}	42.62, 22.40, 9.46
CIE _{LCh}	43, 24.313, 22.905
Yxy	12.9029, 0.4038, 0.3293
Android (android.graphics.Color)	4287387222 (0xFF8C5656)
YUV	102.1460, -7.9600, 33.1980
Hunter-Lab	35.9206, 15.7666, 7.8782

Details

The XYZ color **15.8227, 12.9029, 10.4607** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9491, 22.6272, 28.2323**, and the grayscale version is **12.6821, 13.3425, 14.5300**.

A 20% lighter version of the original color is **35.7538, 30.9880, 27.3894**, and **5.1503, 3.6858, 2.5378** is the 20% darker color. If you saturate the color by 10%, you get **14.3026, 10.6787, 7.4384**, and if you desaturate by 10%, it is **17.6729, 15.6105, 14.1385**.

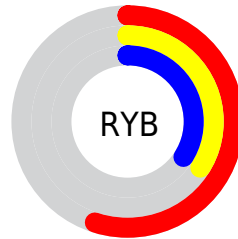
Distribution



Red (55%)

Green (34%)

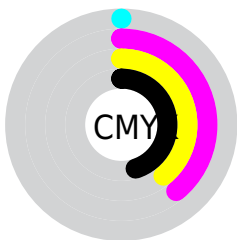
Blue (34%)



Red (55%)

Yellow (34%)

Blue (34%)

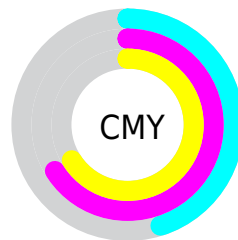


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (45%)



Cyan (45%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8227, 12.9029, 10.4607 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 15.8227, 12.9029, 10.4607 by changing the saturation by 10% instead.

■ 15.8227, 12.9029,
10.4607

■ 15.8227, 12.9029,
10.4607

221.5842,
210.2944, 204.5321

■ 9.4888, 7.3617,
5.5959

■ 35.8501, 31.1292,
27.2797

■ 5.1210, 3.6893,
2.5362

■ 50.2743, 44.5832,
40.0711

■ 2.3539, 1.5013,
0.8592

■ 68.1260, 61.4435,
56.3416

■ 0.8220, 0.2897,
0.0000

■ 89.7705, 82.0946,
76.5100

■ 0.0000, 0.0000,
0.0000

■ 115.5733,
106.9208, 100.9947

145.8996,

136.3066, 130.2142

181.1148,
170.6363, 164.5872

■ 15.8227, 12.9029,
10.4607

■ 15.8227, 12.9029,
10.4607

■ 14.3026, 10.6787,
7.4384

■ 17.6729, 15.6105,
14.1385

■ 13.0923, 8.9076,
5.0324

■ 19.8701, 18.8255,
18.5063

■ 12.1707, 7.5591,
3.2006


■ 22.4309, 22.5727,
23.5971


■ 11.5140, 6.5981,
1.8951


■ 25.3708, 26.8747,
29.4416


■ 11.0941, 5.9837,
1.0605

■ 28.7045, 31.7527,
36.0688


 10.8480, 5.6234,
0.5711

 32.4455, 37.2269,
43.5060

 10.8153, 5.5756,
0.5062

 36.6071, 43.3164,
51.7793

 41.2018, 50.0397,
60.9136

 46.2416, 57.4143,
70.9327

Harmonies

Analogous

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



16.1233, 12.9029, 15.3390



15.8227, 12.9029, 10.4607



14.5255, 12.9029, 7.4141

Triad

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



15.8227, 12.9029, 10.4607



9.6511, 12.9029, 8.7780



11.8317, 12.9029, 26.7041

Complementary

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



15.8227, 12.9029, 10.4607



17.9491, 22.6272, 28.2323

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.



10.2500, 12.9029, 23.7879



15.8227, 12.9029, 10.4607



9.0753, 12.9029, 12.8335

Square

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



15.8227, 12.9029, 10.4607



10.9368, 12.9029, 6.6260



9.2831, 12.9029, 18.3764



13.6940, 12.9029, 25.6117

Rectangle

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



15.8227, 12.9029, 10.4607



13.3343, 12.9029, 6.4153



9.2831, 12.9029, 18.3764



11.2523, 12.9029, 26.1399

Sweetspot

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



15.8230, 12.9035, 10.4609



37.8081, 37.2525, 38.1463



18.8767, 14.1246, 26.5423



8.5954, 8.4133, 8.5581



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8230, 12.9035, 10.4609



25.6077, 19.3999, 13.8926



18.4001, 18.0577, 11.3200



5.0329, 5.0486, 5.2616



9.6099, 4.9542, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



17.9491, 22.6272, 28.2323



29.8906, 38.9882, 49.6930



14.4766, 15.6823, 27.0749



5.1728, 5.6886, 6.4312



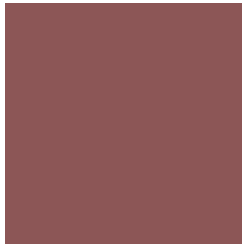
12.5379, 18.3461, 24.9260



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 15.8227, 12.9029, 10.4607 looks on a white background.

Color Contrast Check

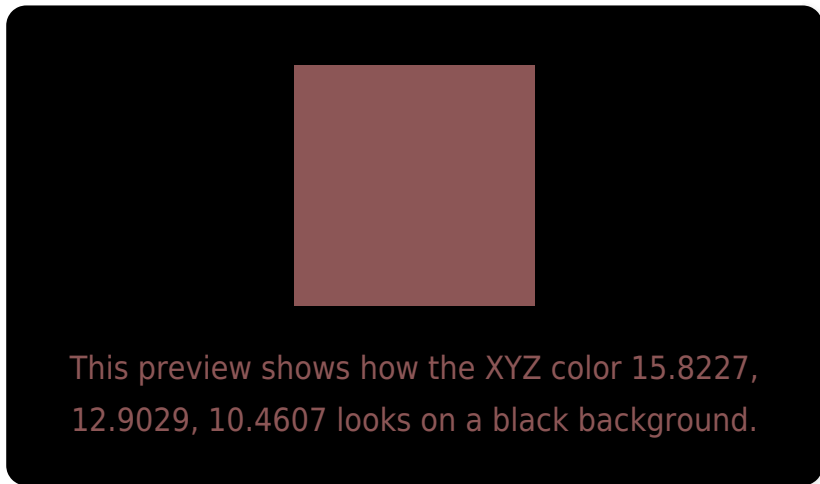
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.8227, 12.9029, 10.4607

Background



This preview shows how black text looks on a background with the XYZ color 15.8227, 12.9029, 10.4607.



This preview shows how white text looks on a background with the XYZ color 15.8227, 12.9029,

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

15.8227, 12.9029, 10.4607

Protanopia

12.4998, 13.1188, 12.4630

Deuteranopia

13.2110, 12.9714, 10.1949



Tritanopia

15.9520, 12.8278, 11.5328

Trichromacy



Original Color

15.8227, 12.9029, 10.4607

Protanomaly

13.5424, 12.9726, 11.6877

Deuteranomaly

14.0115, 12.8446, 10.3351

Tritanomaly

15.8669, 12.7937, 11.0844

Monochromacy



Original Color

15.8227, 12.9029, 10.4607

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4967, 12.9233, 12.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8227, 12.9029, 10.4607 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(140, 86, 86)` looks like.

```
.text, #text, p{  
    color:rgb(140, 86, 86)  
}
```

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(140, 86, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 86, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.8227, 12.9029, 10.4607 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(140, 86, 86) }
```


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

```
.border{ border-color:rgb(140, 86, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 86, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 86, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 86, 86);  
box-shadow:4px 4px 4px 4px rgb(140, 86,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8227, 12.9029, 10.4607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 86, 86) }
```

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

```
.background{ background-color: rgb(140, 86,  
86) }
```

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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