

Converting Colors

XYZ(15.4887, 13.3739, 11.9064)

Have a look what the booklet for
XYZ(15.4887, 13.3739, 11.9064)
contains.

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Color

**XYZ(15.5044, 13.3232,
11.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	865B5C
RGB	134, 91, 92
RGB Percent	53%, 36%, 36%
CMY	0.4745, 0.6431, 0.6392
CMYK	0.00, 0.32, 0.31, 0.47
HSL	359°, 19%, 44%
HSV	359°, 32%, 53%
XYZ	15.5044, 13.3232, 11.8797
YIQ	103.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

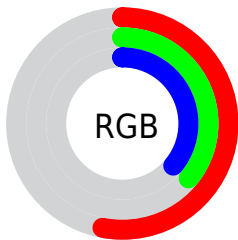
Format	Color
R_{YB}	134, 91, 92
Decimal	8805212
CIE Lab	43.25, 17.82, 6.58
CIE LCh	43, 19.001, 20.264
Yxy	13.3232, 0.3809, 0.3273
Android (android.graphics.Color)	4286995292 (0xFF865B5C)
YUV	103.9710, -5.9017, 26.3354
Hunter-Lab	36.5010, 11.9442, 6.2540

Details

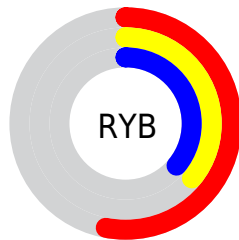
The XYZ color **15.5044, 13.3232, 11.8797** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0737, 20.9682, 25.3388**, and the grayscale version is **13.1612, 13.8466, 15.0789**.

A 20% lighter version of the original color is **35.2945, 31.9904, 29.9057**, and **4.9988, 3.9130, 3.0766** is the 20% darker color. If you saturate the color by 10%, you get **13.9359, 11.0242, 8.7737**, and if you desaturate by 10%, it is **17.3770, 16.0722, 15.5752**.

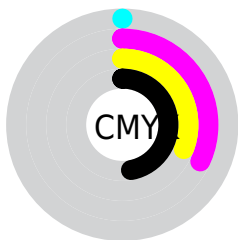
Distribution



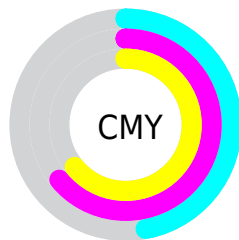
- Red (53%)
- Green (36%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (47%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5044, 13.3232, 11.8797 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 15.5044, 13.3232, 11.8797 by changing the saturation by 10% instead.


 15.5044, 13.3232,
11.8797


 15.5044, 13.3232,
11.8797


219.7276,
212.9788, 214.5568


 9.2628, 7.6515,
6.5403


 35.3001, 31.8832,
29.9369


 4.9714, 3.8728,
3.1022

 49.5849, 45.5403,
43.4918


 2.2651, 1.6026,
1.1471

 67.2814, 62.6280,
60.6222

 0.7767, 0.3594,
0.0000

 88.7550, 83.5306,
81.7468

 0.0000, 0.0000,
0.0000

 114.3711,
108.6326, 107.2840

144.4949,

138.3184, 137.6523

179.4920,
172.9723, 173.2704

■ 15.5044, 13.3232,
11.8797

■ 15.5044, 13.3232,
11.8797

■ 13.9359, 11.0242,
8.7737

■ 17.3770, 16.0722,
15.5752

■ 12.6546, 9.1494,
6.2259

■ 19.5676, 19.2913,
19.8877

■ 11.6433, 7.6735,
4.2035

■ 22.0902, 23.0017,
24.8437

■ 10.8827, 6.5675,
2.6700

■ 24.9579, 27.2228,
30.4682

■ 10.3510, 5.7989,
1.5838

■ 28.1831, 31.9729,
36.7846

■ 10.0224, 5.3290,
0.8971

■ 31.7774, 37.2695,
43.8155

■ 9.8486, 5.0752,
0.5498

■ 35.7520, 43.1292,
51.5821

■ 40.1176, 49.5679,
60.1050

■ 44.8845, 56.6008,
69.4039

Harmonies

Analogous

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



15.6585, 13.3232, 15.9192



15.5044, 13.3232, 11.8797



14.5576, 13.3232, 9.1295

Triad

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



15.5044, 13.3232, 11.8797



10.6116, 13.3232, 9.9227



12.1913, 13.3232, 24.0376

Complementary

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



15.5044, 13.3232, 11.8797



17.0737, 20.9682, 25.3388

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.



10.9409, 13.3232, 21.6649



15.5044, 13.3232, 11.8797



10.0767, 13.3232, 13.1803

Square

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



15.5044, 13.3232, 11.8797



11.7093, 13.3232, 8.1605



10.1924, 13.3232, 17.4950



13.6677, 13.3232, 23.5033

Rectangle

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



15.5044, 13.3232, 11.8797



13.6420, 13.3232, 8.1432



10.1924, 13.3232, 17.4950



11.7326, 13.3232, 23.5384

Sweetspot

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



15.5048, 13.3238, 11.8800



35.2607, 35.1430, 36.5829



17.6491, 14.1554, 24.3565



7.8307, 7.7509, 8.0192



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.



15.5048, 13.3238, 11.8800



25.1249, 20.2602, 16.5910



17.4120, 17.2076, 12.3020



4.6766, 4.6903, 4.9094



9.2301, 4.7564, 0.5182



0.0322, 0.0166, 0.0032

Inverse Universe

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



15.5048, 13.3238, 11.8800



25.1249, 20.2602, 16.5910



14.6278, 15.9656, 24.8651



4.6766, 4.6903, 4.9094



9.2301, 4.7564, 0.5182



0.0322, 0.0166, 0.0032

Previews

White Background



This preview shows how the XYZ color 15.5044, 13.3232, 11.8797 looks on a white background.

Color Contrast Check

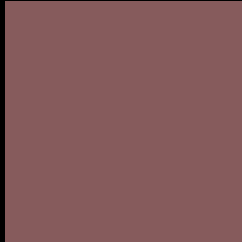
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5044, 13.3232, 11.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

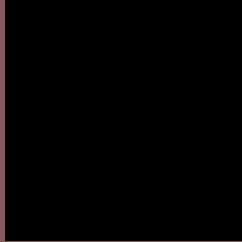
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5044, 13.3232, 11.8797

Background



This preview shows how black text looks on a background with the XYZ color 15.5044, 13.3232, 11.8797.



This preview shows how white text looks on a background with the XYZ color 15.5044, 13.3232,

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

15.5044, 13.3232, 11.8797

Protanopia

12.7817, 13.3878, 13.4657

Deuteranopia

13.6863, 13.4609, 11.7744



Tritanopia

15.8055, 13.3263, 13.0485

Trichromacy



Original Color

15.5044, 13.3232, 11.8797

Protanomaly

13.6815, 13.2929, 12.9110

Deuteranomaly

14.2396, 13.3320, 11.7204

Tritanomaly

15.7134, 13.2894, 12.5634

Monochromacy



Original Color

15.5044, 13.3232, 11.8797

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.8323, 13.4886, 13.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5044, 13.3232, 11.8797 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, 91, 92)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 92)  
}
```

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, 91, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.5044, 13.3232, 11.8797 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, 91, 92) }
```


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

```
.border{ border-color:rgb(134, 91, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 91, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 92);  
box-shadow:4px 4px 4px 4px rgb(134, 91,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5044, 13.3232, 11.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 91, 92) }
```

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

```
.background{ background-color: rgb(134, 91,  
92) }
```

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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