

Converting Colors

XYZ(15.5638, 13.9093, 10.4590)

Have a look what the booklet for
XYZ(15.5638, 13.9093, 10.4590)
contains.

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Color

**XYZ(15.5634, 13.9086,
10.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	865F55
RGB	134, 95, 85
RGB Percent	53%, 37%, 33%
CMY	0.4745, 0.6274, 0.6667
CMYK	0.00, 0.29, 0.37, 0.47
HSL	12°, 22%, 43%
HSV	12°, 37%, 53%
XYZ	15.5634, 13.9086, 10.4587
YIQ	105.5210, 26.4540, 5.1580

Conversions

Conversions Part 2

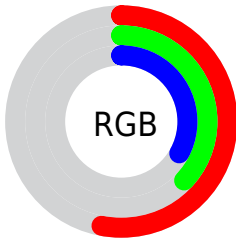
Format	Color
R_{YB}	134, 98, 85
Decimal	8806229
CIE Lab	44.10, 14.48, 12.03
CIE LCh	44, 18.828, 39.709
Yxy	13.9086, 0.3898, 0.3483
Android (android.graphics.Color)	4286996309 (0xFF865F55)
YUV	105.5210, -10.1169, 24.9761
Hunter-Lab	37.2942, 9.2256, 9.4788

Details

The XYZ color **15.5634, 13.9086, 10.4587** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2568, 18.0672, 25.2375**, and the grayscale version is **13.5907, 14.2984, 15.5710**.

A 20% lighter version of the original color is **35.3911, 32.9984, 27.4257**, and **5.0072, 4.1061, 2.5361** is the 20% darker color. If you saturate the color by 10%, you get **14.1849, 11.9244, 7.6169**, and if you desaturate by 10%, it is **17.1750, 16.1975, 13.8760**.

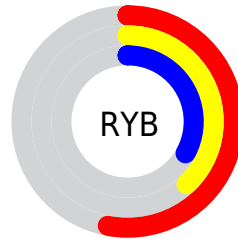
Distribution



Red (53%)

Green (37%)

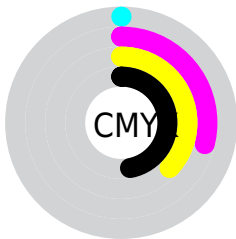
Blue (33%)



Red (53%)

Yellow (38%)

Blue (33%)

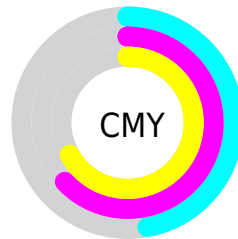


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5634, 13.9086, 10.4587 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 15.5634, 13.9086, 10.4587 by changing the saturation by 10% instead.

■ 15.5634, 13.9086,
10.4587

■ 15.5634, 13.9086,
10.4587

220.0729,
216.6615, 204.5176

■ 9.3046, 8.0571,
5.5946

■ 35.4022, 32.9268,
27.2760

■ 4.9991, 4.1315,
2.5354

■ 49.7129, 46.8622,
40.0662

■ 2.2815, 1.7474,
0.8588

■ 67.4383, 64.2612,
56.3355

■ 0.7852, 0.4541,
0.0000

■ 88.9437, 85.5080,
76.5024

■ 0.0000, 0.0000,
0.0000

■ 114.5945,
110.9870, 100.9856

144.7561,

141.0827, 130.2035

179.7937,
176.1794, 164.5746

■ 15.5634, 13.9086,
10.4587

■ 15.5634, 13.9086,
10.4587

■ 14.1849, 11.9244,
7.6169

■ 17.1750, 16.1975,
13.8760

■ 13.0274, 10.2301,
5.3178

■ 19.0289, 18.8013,
17.8973

■ 12.0794, 8.8124,
3.5269

■ 21.1350, 21.7321,
22.5502

■ 11.3276, 7.6563,
2.2050

■ 23.5026, 25.0008,
27.8604

■ 10.7574, 6.7454,
1.3073

■ 26.1402, 28.6177,
33.8522

■ 10.3471, 6.0592,
0.7563

■ 29.0562, 32.5927,
40.5485

■ 10.2316, 5.8685,
0.5935

■ 32.2583, 36.9353,
47.9714

■ 35.7541, 41.6548,
56.1417

■ 39.5511, 46.7600,
65.0797

Harmonies

Analogous

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



16.2692, 13.9086, 13.7942



15.5634, 13.9086, 10.4587



14.2447, 13.9086, 8.6460

Triad

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



15.5634, 13.9086, 10.4587



10.6963, 13.9086, 12.4580



13.7118, 13.9086, 24.8250

Complementary

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



15.5634, 13.9086, 10.4587



15.2568, 18.0672, 25.2375

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.



12.2451, 13.9086, 24.2811



15.5634, 13.9086, 10.4587



10.5773, 13.9086, 16.5793

Square

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



15.5634, 13.9086, 10.4587



11.4624, 13.9086, 9.6399



11.1240, 13.9086, 21.0539



15.1480, 13.9086, 22.4236

Rectangle

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



15.5634, 13.9086, 10.4587



13.2344, 13.9086, 8.2983



11.1240, 13.9086, 21.0539



13.2051, 13.9086, 24.9895

Sweetspot

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



15.5638, 13.9093, 10.4590



35.4465, 35.8026, 35.7568



16.7308, 13.0258, 20.7676



7.8925, 7.9362, 7.8497



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.



15.5638, 13.9093, 10.4590



25.3541, 21.5336, 14.1548



18.1039, 18.9895, 11.3057



4.7439, 4.8315, 4.9119



9.5952, 5.5131, 0.5584



0.0376, 0.0278, 0.0034

Inverse Universe

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



15.2568, 18.0672, 25.2375



24.7195, 29.9738, 44.2211



12.5780, 12.7096, 24.3445



4.7231, 5.1218, 5.9404



8.9329, 11.4137, 22.8689



0.0360, 0.0496, 0.0809

Previews

White Background



This preview shows how the XYZ color 15.5634, 13.9086, 10.4587 looks on a white background.

Color Contrast Check

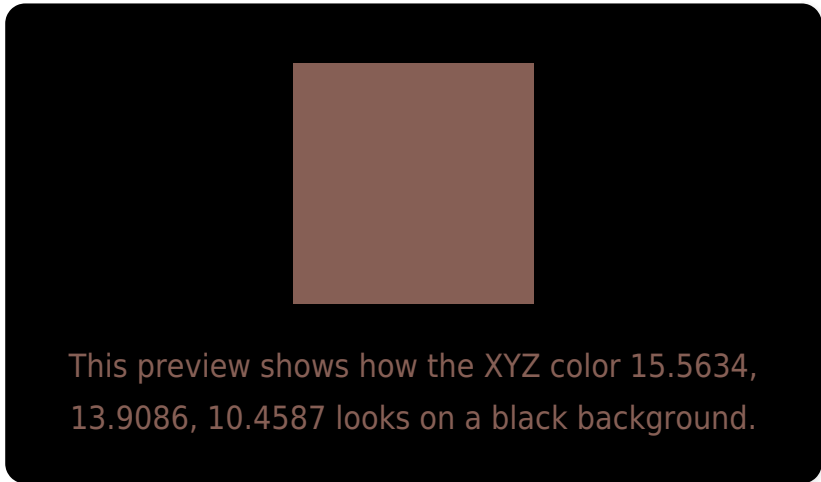
Large Text (above 18pt) WCAG AA ✓ Pass

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

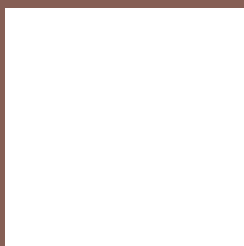
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5634, 13.9086, 10.4587

Background



This preview shows how black text looks on a background with the XYZ color 15.5634, 13.9086, 10.4587.

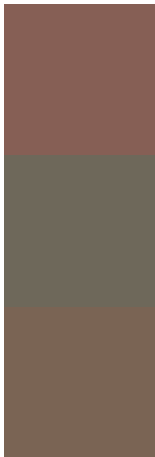


This preview shows how white text looks on a background with the XYZ color 15.5634, 13.9086,

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

15.5634, 13.9086, 10.4587

Protanopia

13.2262, 13.9538, 11.6691

Deuteranopia

14.1834, 13.8920, 10.3214



Tritanopia

16.2063, 13.8997, 13.8853

Trichromacy



Original Color

15.5634, 13.9086, 10.4587

Protanomaly

14.0229, 13.9339, 11.1829

Deuteranomaly

14.5721, 13.8111, 10.2853

Tritanomaly

16.0599, 13.9825, 12.6789

Monochromacy



Original Color

15.5634, 13.9086, 10.4587

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1584, 14.0976, 13.5302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5634, 13.9086, 10.4587 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, 95, 85)` looks like.

```
.text, #text, p{  
  color:rgb(134, 95, 85)  
}
```

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, 95, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 95, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.5634, 13.9086, 10.4587 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, 95, 85) }
```


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

```
.border{ border-color:rgb(134, 95, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 95, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 95, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 95, 85);  
box-shadow:4px 4px 4px 4px rgb(134, 95,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5634, 13.9086, 10.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 95, 85) }
```

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

```
.background{ background-color: rgb(134, 95,  
85) }
```

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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