

Converting Colors

XYZ(15.5620, 13.7209, 10.3015)

Have a look what the booklet for
XYZ(15.5620, 13.7209, 10.3015)
contains.

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Color

**XYZ(15.5946, 13.7964,
10.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	875E54
RGB	135, 94, 84
RGB Percent	53%, 37%, 33%
CMY	0.4706, 0.6314, 0.6706
CMYK	0.00, 0.30, 0.38, 0.47
HSL	12°, 23%, 43%
HSV	12°, 38%, 53%
XYZ	15.5946, 13.7964, 10.2286
YIQ	105.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

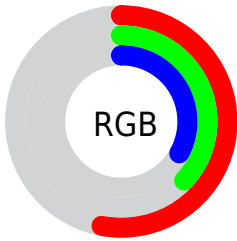
Format	Color
R_{YB}	135, 96, 84
Decimal	8871508
CIE Lab	43.94, 15.37, 12.43
CIE LCh	44, 19.761, 38.963
Yxy	13.7964, 0.3936, 0.3482
Android (android.graphics.Color)	4287061588 (0xFF875E54)
YUV	105.1190, -10.4117, 26.2056
Hunter-Lab	37.1435, 9.9416, 9.6731

Details

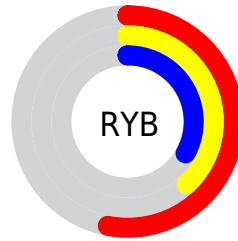
The XYZ color **15.5946, 13.7964, 10.2286** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3627, 18.3006, 25.6443**, and the grayscale version is **13.4819, 14.1840, 15.4464**.

A 20% lighter version of the original color is **35.6637, 32.9192, 27.0286**, and **4.9904, 4.0994, 2.4477** is the 20% darker color. If you saturate the color by 10%, you get **14.2179, 11.8092, 7.4077**, and if you desaturate by 10%, it is **17.2097, 16.0971, 13.6321**.

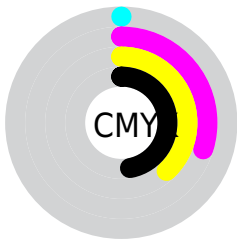
Distribution



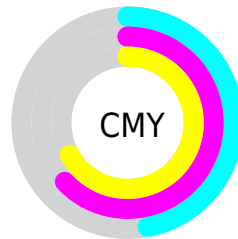
- Red (53%)
- Green (37%)
- Blue (33%)



- Red (53%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5946, 13.7964, 10.2286 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 15.5946, 13.7964, 10.2286 by changing the saturation by 10% instead.

■ 15.5946, 13.7964,
10.2286

■ 15.5946, 13.7964,
10.2286

220.2552,
215.9605, 202.8397

■ 9.3268, 7.9792,
5.4432

■ 35.4561, 32.7273,
26.8391

■ 5.0137, 4.0816,
2.4463

■ 49.7805, 46.6098,
39.5013

■ 2.2902, 1.7193,
0.8115

■ 67.5212, 63.9496,
55.6262

■ 0.7896, 0.4361,
0.0000

■ 89.0434, 85.1310,
75.6323

■ 0.0000, 0.0000,
0.0000

■ 114.7125,
110.5383, 99.9381

144.8940,

140.5561, 128.9623

179.9531,
175.5687, 163.1233

■ 15.5946, 13.7964,
10.2286

■ 15.5946, 13.7964,
10.2286

■ 14.2179, 11.8092,
7.4077

■ 17.2097, 16.0971,
13.6321

■ 13.0670, 10.1198,
5.1357

■ 19.0727, 18.7222,
17.6477

■ 12.1297, 8.7144,
3.3767

■ 21.1942, 21.6842,
22.3037

■ 11.3922, 7.5770,
2.0904

■ 23.5836, 24.9947,
27.6266

■ 10.8391, 6.6901,
1.2301

■ 26.2498, 28.6645,
33.6412

■ 10.4448, 6.0308,
0.6997

■ 29.2015, 32.7040,
40.3712

■ 10.3717, 5.9110,
0.5943

■ 32.4468, 37.1232,
47.8390

■ 35.9937, 41.9317,
56.0663

■ 39.8496, 47.1388,
65.0735

Harmonies

Analogous

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



16.3155, 13.7964, 13.7190



15.5946, 13.7964, 10.2286



14.2231, 13.7964, 8.3289

Triad

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



15.5946, 13.7964, 10.2286



10.5004, 13.7964, 12.1360



13.5874, 13.7964, 25.2432

Complementary

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



15.5946, 13.7964, 10.2286



15.3627, 18.3006, 25.6443

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.



12.0623, 13.7964, 24.5859



15.5946, 13.7964, 10.2286



10.3597, 13.7964, 16.4049

Square

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



15.5946, 13.7964, 10.2286



11.3105, 13.7964, 9.2683



10.9098, 13.7964, 21.1184



15.0976, 13.7964, 22.7681

Rectangle

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



15.5946, 13.7964, 10.2286



13.1676, 13.7964, 7.9482



10.9098, 13.7964, 21.1184



13.0587, 13.7964, 25.3902

Sweetspot

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



15.5950, 13.7971, 10.2289



36.5833, 36.9224, 36.9161



16.9054, 12.9890, 21.2366



8.3694, 8.4073, 8.3233



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.5950, 13.7971, 10.2289



25.8678, 21.7382, 14.0862



18.1709, 18.9490, 11.0875



4.7411, 4.8258, 4.9110



9.5722, 5.4669, 0.5507



0.0373, 0.0273, 0.0033

Inverse Universe

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



15.3627, 18.3006, 25.6443



25.3809, 30.9492, 45.6844



12.6010, 12.7774, 24.7238



4.7261, 5.1279, 5.9414



9.0377, 11.6233, 22.9039



0.0362, 0.0501, 0.0810

Previews

White Background



This preview shows how the XYZ color 15.5946, 13.7964, 10.2286 looks on a white background.

Color Contrast Check

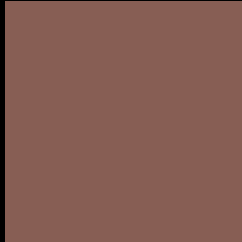
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5946, 13.7964, 10.2286 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 15.5946, 13.7964, 10.2286

Background



This preview shows how black text looks on a background with the XYZ color 15.5946, 13.7964, 10.2286.



This preview shows how white text looks on a background with the XYZ color 15.5946, 13.7964,

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

15.5946, 13.7964, 10.2286

Protanopia

13.1839, 13.9369, 11.4464

Deuteranopia

14.0037, 13.8038, 10.1099



Tritanopia

16.2326, 13.7894, 13.6104

Trichromacy



Original Color

15.5946, 13.7964, 10.2286

Protanomaly

13.8852, 13.7244, 10.9341

Deuteranomaly

14.5332, 13.7955, 10.0804

Tritanomaly

16.0881, 13.8711, 12.4191

Monochromacy



Original Color

15.5946, 13.7964, 10.2286

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0138, 13.8834, 13.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5946, 13.7964, 10.2286 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(135, 94, 84)` looks like.

```
.text, #text, p{  
    color:rgb(135, 94, 84)  
}
```

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(135, 94, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 94, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.5946, 13.7964, 10.2286 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(135, 94, 84) }
```


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

```
.border{ border-color:rgb(135, 94, 84) }
```

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

Here you see how a box with a 4 pixel rgb(135, 94, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 94, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 94, 84);  
box-shadow:4px 4px 4px 4px rgb(135, 94,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5946, 13.7964, 10.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 94, 84) }
```

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

```
.background{ background-color: rgb(135, 94,  
84) }
```

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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