

Converting Colors

XYZ(15.5903, 15.6086, 12.7807)

Have a look what the booklet for
XYZ(15.5903, 15.6086, 12.7807)
contains.

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Color

**XYZ(15.5903, 15.6086,
12.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6B5E
RGB	124, 107, 94
RGB Percent	49%, 42%, 37%
CMY	0.5137, 0.5804, 0.6314
CMYK	0.00, 0.14, 0.24, 0.51
HSL	26°, 14%, 43%
HSV	26°, 24%, 49%
XYZ	15.5903, 15.6086, 12.7807
YIQ	110.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

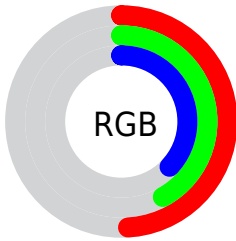
Format	Color
R_{YB}	124, 117, 94
Decimal	8153950
CIE Lab	46.46, 4.49, 9.76
CIE LCh	46, 10.742, 65.292
Yxy	15.6086, 0.3545, 0.3549
Android (android.graphics.Color)	4286344030 (0xFF7C6B5E)
YUV	110.6010, -8.1843, 11.7509
Hunter-Lab	39.5077, 1.3001, 8.4752

Details

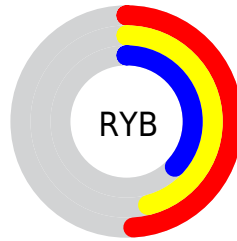
The XYZ color **15.5903, 15.6086, 12.7807** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9386, 15.2036, 21.2690**, and the grayscale version is **15.0143, 15.7962, 17.2021**.

A 20% lighter version of the original color is **35.3924, 35.8144, 31.4331**, and **5.0510, 4.9410, 3.4838** is the 20% darker color. If you saturate the color by 10%, you get **14.3751, 13.9982, 9.8475**, and if you desaturate by 10%, it is **16.9553, 17.3752, 16.2053**.

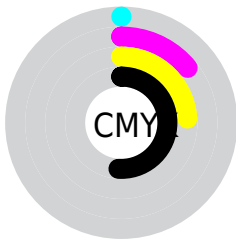
Distribution



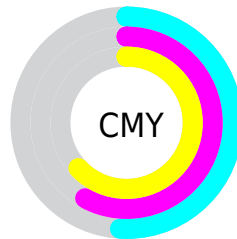
- Red (49%)
- Green (42%)
- Blue (37%)



- Red (49%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5903, 15.6086, 12.7807 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 15.5903, 15.6086, 12.7807 by changing the saturation by 10% instead.

■ 15.5903, 15.6086,
12.7807

■ 15.5903, 15.6086,
12.7807

220.2301,
227.0209, 220.6656

■ 9.3237, 9.2476,
7.1488

■ 35.4487, 35.9174,
31.5946

■ 5.0117, 4.9030,
3.4755

■ 49.7712, 50.6339,
45.6137

■ 2.2890, 2.1905,
1.3422

■ 67.5097, 68.9045,
63.2656

■ 0.7890, 0.7148,
0.0960

■ 89.0296, 91.1135,
84.9687

■ 0.0000, 0.0000,
0.0000

114.6963,
117.6452, 111.1418

144.8750,

148.8841, 142.2033

179.9312,
185.2145, 178.5717

■ 15.5903, 15.6086,
12.7807

■ 15.5903, 15.6086,
12.7807

■ 14.3751, 13.9982,
9.8475

■ 16.9553, 17.3752,
16.2053

■ 13.3028, 12.5375,
7.3818

■ 18.4741, 19.3003,
20.1418

■ 12.3677, 11.2222,
5.3591

■ 20.1523, 21.3886,
24.6105

■ 11.5632, 10.0475,
3.7524

■ 21.9947, 23.6442,
29.6305

■ 10.8822, 9.0078,
2.5317

■ 24.0058, 26.0708,
35.2199

■ 10.3166, 8.0974,
1.6625

■ 26.1901, 28.6722,
41.3960

■ 9.8558, 7.3091,
1.0981

■ 28.5518, 31.4519,
48.1752

■ 9.6195, 6.8996,
0.8247

■ 31.0949, 34.4133,
55.5735

■ 33.8234, 37.5599,
63.6061

Harmonies

Analogous

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



16.3328, 15.6086, 14.2228



15.5903, 15.6086, 12.7807



14.6723, 15.6086, 12.4170

Triad

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



15.5903, 15.6086, 12.7807



13.1365, 15.6086, 17.4685



15.8854, 15.6086, 21.4937

Complementary

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



15.5903, 15.6086, 12.7807



13.9386, 15.2036, 21.2690

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.



14.9999, 15.6086, 22.5793



15.5903, 15.6086, 12.7807



13.4326, 15.6086, 20.1062

Square

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



15.5903, 15.6086, 12.7807



13.2799, 15.6086, 14.9565



14.1055, 15.6086, 22.0470



16.5080, 15.6086, 19.2110

Rectangle

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



15.5903, 15.6086, 12.7807



14.0896, 15.6086, 12.7988



14.1055, 15.6086, 22.0470



15.6072, 15.6086, 22.0210

Sweetspot

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



15.5907, 15.6093, 12.7810



31.6863, 32.9268, 33.2888



15.1844, 13.4384, 16.8327



7.4348, 7.7197, 7.7677



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.5907, 15.6093, 12.7810



26.2284, 25.8773, 19.5504



17.2924, 19.0126, 13.3482



4.1279, 4.2743, 4.2319



9.7765, 7.0089, 0.8376



45.8208, 31.8051, 3.7240

Inverse Universe

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



13.9386, 15.2036, 21.2690



22.7948, 25.0328, 37.1870



12.4373, 12.2009, 20.7686



3.9684, 4.2352, 5.0515



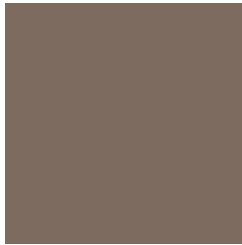
5.9388, 5.9600, 20.2227



27.4702, 26.7130, 96.1781

Previews

White Background



This preview shows how the XYZ color 15.5903, 15.6086, 12.7807 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 15.5903, 15.6086, 12.7807 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 15.5903, 15.6086, 12.7807

Background



This preview shows how black text looks on a background with the XYZ color 15.5903, 15.6086, 12.7807.



This preview shows how white text looks on a background with the XYZ color 15.5903, 15.6086,

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

15.5903, 15.6086, 12.7807

Protanopia

14.8439, 15.6911, 13.0728

Deuteranopia

15.9268, 15.6282, 12.7668



Tritanopia

16.4791, 15.5061, 17.4537

Trichromacy



Original Color

15.5903, 15.6086, 12.7807

Protanomaly

15.1419, 15.6854, 13.0560

Deuteranomaly

15.7786, 15.5518, 12.7599

Tritanomaly

16.0588, 15.4830, 15.5067

Monochromacy



Original Color

15.5903, 15.6086, 12.7807

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3282, 15.8848, 15.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5903, 15.6086, 12.7807 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(124, 107, 94)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 94)  
}
```

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(124, 107, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.5903, 15.6086, 12.7807 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(124, 107, 94) }
```


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

```
.border{ border-color:rgb(124, 107, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 107, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 94);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5903, 15.6086, 12.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 94) }
```

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

```
.background{ background-color: rgb(124,  
107, 94) }
```

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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