

Converting Colors

XYZ(15.0942, 15.3363, 12.6679)

Have a look what the booklet for
XYZ(15.0942, 15.3363, 12.6679)
contains.

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Color

**XYZ(15.1632, 15.3885,
12.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	796B5E
RGB	121, 107, 94
RGB Percent	47%, 42%, 37%
CMY	0.5255, 0.5804, 0.6314
CMYK	0.00, 0.12, 0.22, 0.53
HSL	29°, 13%, 42%
HSV	29°, 22%, 47%
XYZ	15.1632, 15.3885, 12.7608
YIQ	109.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

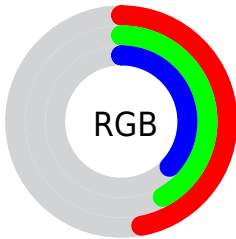
Format	Color
R_{YB}	121, 119, 94
Decimal	7957342
CIE Lab	46.16, 3.24, 9.30
CIE LCh	46, 9.849, 70.799
Yxy	15.3885, 0.3501, 0.3553
Android (android.graphics.Color)	4286147422 (0xFF796B5E)
YUV	109.7040, -7.7421, 8.9066
Hunter-Lab	39.2282, 0.3478, 8.1729

Details

The XYZ color **15.1632, 15.3885, 12.7608** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4297, 14.4848, 20.1772**, and the grayscale version is **14.7555, 15.5240, 16.9056**.

A 20% lighter version of the original color is **34.7165, 35.4660, 31.4014**, and **4.8218, 4.8228, 3.4731** is the 20% darker color. If you saturate the color by 10%, you get **14.0319, 13.9277, 9.9117**, and if you desaturate by 10%, it is **16.4279, 16.9796, 16.0748**.

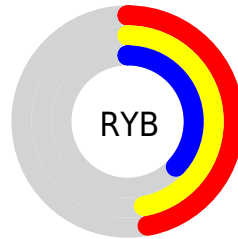
Distribution



Red (47%)

Green (42%)

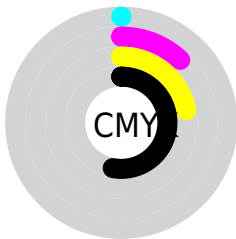
Blue (37%)



Red (47%)

Yellow (47%)

Blue (37%)

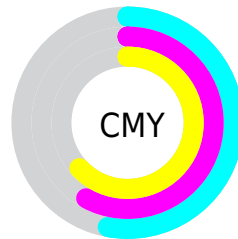


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1632, 15.3885, 12.7608 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 15.1632, 15.3885, 12.7608 by changing the saturation by 10% instead.

■ 15.1632, 15.3885,
12.7608

■ 15.1632, 15.3885,
12.7608

217.7208,
225.7058, 220.5326

■ 9.0211, 9.0925,
7.1353

■ 34.7085, 35.5333,
31.5582

■ 4.8121, 4.8016,
3.4671

■ 48.8424, 50.1509,
45.5672

■ 2.1711, 2.1313,
1.3378

■ 66.3710, 68.3111,
63.2077

■ 0.7274, 0.6821,
0.0925

■ 87.6595, 90.3984,
84.8984

■ 0.0000, 0.0000,
0.0000

113.0734,
116.7971, 111.0576

142.9780,

147.8916, 142.1041

177.7387,
184.0664, 178.4562

■ 15.1632, 15.3885,
12.7608

■ 15.1632, 15.3885,
12.7608

■ 14.0319, 13.9277,
9.9117

■ 16.4279, 16.9796,
16.0748

■ 13.0279, 12.5917,
7.5053

■ 17.8295, 18.7024,
19.8725

■ 12.1462, 11.3772,
5.5191

■ 19.3727, 20.5609,
24.1728

■ 11.3811, 10.2804,
3.9282

■ 21.0619, 22.5582,
28.9934

■ 10.7264, 9.2969,
2.7051

■ 22.9010, 24.6973,
34.3511

■ 10.1750, 8.4221,
1.8185

■ 24.8938, 26.9812,
40.2620

■ 9.7188, 7.6507,
1.2316

■ 27.0442, 29.4127,
46.7413

■ 9.4119, 7.1185,
0.8780

■ 29.3556, 31.9946,
53.8038

■ 31.8316, 34.7295,
61.4638

Harmonies

Analogous

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



15.8816, 15.3885, 13.9148



15.1632, 15.3885, 12.7608



14.3262, 15.3885, 12.6153

Triad

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



15.1632, 15.3885, 12.7608



13.0985, 15.3885, 17.6359



15.7057, 15.3885, 20.5011

Complementary

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



15.1632, 15.3885, 12.7608



13.4297, 14.4848, 20.1772

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.



14.9306, 15.3885, 21.7148



15.1632, 15.3885, 12.7608



13.4390, 15.3885, 19.9586

Square

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



15.1632, 15.3885, 12.7608



13.1554, 15.3885, 15.2817



14.1022, 15.3885, 21.5073



16.2030, 15.3885, 18.3210

Rectangle

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



15.1632, 15.3885, 12.7608



13.8159, 15.3885, 13.0926



14.1022, 15.3885, 21.5073



15.4678, 15.3885, 21.0447

Sweetspot

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



15.1636, 15.3892, 12.7611



30.6765, 31.9613, 32.1697



14.6161, 13.1618, 16.0695



6.9909, 7.2793, 7.2924



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.1636, 15.3892, 12.7611



26.0386, 26.1266, 20.0151



16.6341, 18.3301, 13.2513



4.1427, 4.3039, 4.2369



10.0752, 7.6062, 0.9371



47.2157, 34.5949, 4.1889

Inverse Universe

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



13.4297, 14.4848, 20.1772



22.3278, 24.1909, 35.8854



12.1507, 11.9268, 19.7508



3.9535, 4.2052, 5.0465



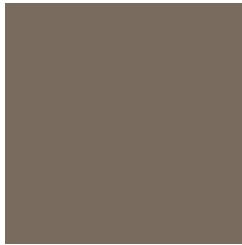
5.5759, 5.2343, 20.1017



25.7414, 23.2555, 95.6018

Previews

White Background



This preview shows how the XYZ color 15.1632, 15.3885, 12.7608 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 15.1632, 15.3885, 12.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

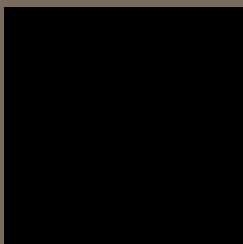
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

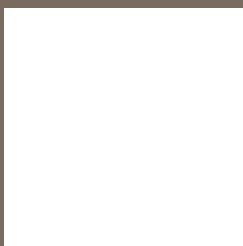
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1632, 15.3885, 12.7608

Background



This preview shows how black text looks on a background with the XYZ color 15.1632, 15.3885, 12.7608.



This preview shows how white text looks on a background with the XYZ color 15.1632, 15.3885,

12.7608.

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

15.1632, 15.3885, 12.7608

Protanopia

14.6044, 15.4083, 13.0308

Deuteranopia

15.5294, 15.2713, 12.7188



Tritanopia

16.0433, 15.2814, 17.4333

Trichromacy



Original Color

15.1632, 15.3885, 12.7608

Protanomaly

14.7642, 15.3333, 13.0079

Deuteranomaly

15.4866, 15.4013, 12.7462

Tritanomaly

15.6274, 15.2606, 15.4865

Monochromacy



Original Color

15.1632, 15.3885, 12.7608

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9068, 15.5142, 15.3056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1632, 15.3885, 12.7608 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(121, 107, 94)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 107, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.1632, 15.3885, 12.7608 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(121, 107, 94) }
```


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

```
.border{ border-color:rgb(121, 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(121, 107, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 94);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1632, 15.3885, 12.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 94) }
```

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

```
.background{ background-color: rgb(121,  
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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