

Converting Colors

XYZ(15.5942, 15.4324, 12.6790)

Have a look what the booklet for
XYZ(15.5942, 15.4324, 12.6790)
contains.

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Color

**XYZ(15.6319, 15.4762,
12.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6A5E
RGB	125, 106, 94
RGB Percent	49%, 42%, 37%
CMY	0.5098, 0.5843, 0.6314
CMYK	0.00, 0.15, 0.25, 0.51
HSL	23°, 14%, 43%
HSV	23°, 25%, 49%
XYZ	15.6319, 15.4762, 12.7530
YIQ	110.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

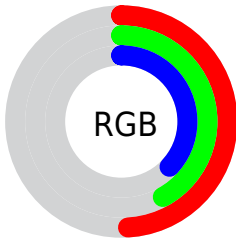
Format	Color
RYB	125, 114, 94
Decimal	8219230
CIELab	46.28, 5.50, 9.52
CIElCh	46, 10.997, 60.009
Yxy	15.4762, 0.3564, 0.3528
Android (android.graphics.Color)	4286409310 (0xFF7D6A5E)
YUV	110.3130, -8.0423, 12.8805
Hunter-Lab	39.3398, 2.0834, 8.3175

Details

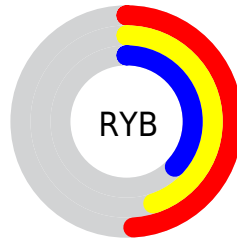
The XYZ color **15.6319, 15.4762, 12.7530** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2228, 15.6703, 21.6773**, and the grayscale version is **14.9306, 15.7082, 17.1062**.

A 20% lighter version of the original color is **35.4511, 35.5925, 31.3871**, and **5.0780, 4.8778, 3.4702** is the 20% darker color. If you saturate the color by 10%, you get **14.3614, 13.7613, 9.7827**, and if you desaturate by 10%, it is **17.0646, 17.3699, 16.2260**.

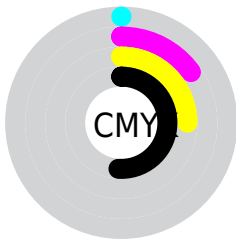
Distribution



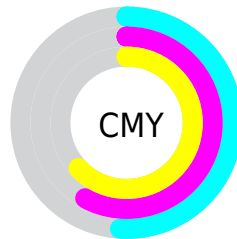
- Red (49%)
- Green (42%)
- Blue (37%)



- Red (49%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6319, 15.4762, 12.7530 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 15.6319, 15.4762, 12.7530 by changing the saturation by 10% instead.

■ 15.6319, 15.4762,
12.7530

■ 15.6319, 15.4762,
12.7530

220.4731,
226.2307, 220.4805

■ 9.3532, 9.1543,
7.1300

■ 35.5206, 35.6864,
31.5440

■ 5.0312, 4.8419,
3.4638

■ 49.8614, 50.3435,
45.5490

■ 2.3006, 2.1548,
1.3361

■ 67.6202, 68.5478,
63.1851

■ 0.7949, 0.6952,
0.0911

■ 89.1625, 90.6837,
84.8708

■ 0.0000, 0.0000,
0.0000

114.8536,
117.1355, 111.0246

145.0588,

148.2877, 142.0652

180.1435,
184.5246, 178.4110

■ 15.6319, 15.4762,
12.7530

■ 15.6319, 15.4762,
12.7530

■ 14.3614, 13.7613,
9.7827

■ 17.0646, 17.3699,
16.2260

■ 13.2457, 12.2177,
7.2905

■ 18.6642, 19.4456,
20.2228

■ 12.2786, 10.8404,
5.2512

■ 20.4365, 21.7087,
24.7643

■ 11.4528, 9.6232,
3.6368

■ 22.3869, 24.1641,
29.8702

■ 10.7606, 8.5598,
2.4162

■ 24.5203, 26.8164,
35.5592

■ 10.1931, 7.6430,
1.5541

■ 26.8417, 29.6699,
41.8489

■ 9.7382, 6.8644,
0.9984

■ 29.3556, 32.7289,
48.7563

■ 9.5308, 6.5065,
0.7536

■ 32.0665, 35.9975,
56.2979

■ 34.9787, 39.4798,
64.4892

Harmonies

Analogous

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



16.3312, 15.4762, 14.3921



15.6319, 15.4762, 12.7530



14.7094, 15.4762, 12.1859

Triad

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



15.6319, 15.4762, 12.7530



12.9750, 15.4762, 16.8517



15.6324, 15.4762, 21.7434

Complementary

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



15.6319, 15.4762, 12.7530



14.2228, 15.6703, 21.6773

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.



14.7099, 15.4762, 22.5763



15.6319, 15.4762, 12.7530



13.1992, 15.4762, 19.5751

Square

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



15.6319, 15.4762, 12.7530



13.1989, 15.4762, 14.3933



13.8244, 15.4762, 21.7443



16.3315, 15.4762, 19.5736

Rectangle

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



15.6319, 15.4762, 12.7530



14.0998, 15.4762, 12.4394



13.8244, 15.4762, 21.7443



15.3369, 15.4762, 22.1987

Sweetspot

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



15.6323, 15.4769, 12.7533



32.7163, 33.9111, 34.4308



15.4476, 13.5605, 17.4607



7.4135, 7.6770, 7.7606



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.



15.6323, 15.4769, 12.7533



26.6106, 25.8568, 19.5796



17.3621, 18.9364, 13.3299



4.4537, 4.5961, 4.5725



9.9407, 6.7778, 0.7843



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2228, 15.6703, 21.6773



23.6097, 26.2656, 38.5698



12.6499, 12.5244, 21.1530



4.3109, 4.6159, 5.4770



6.5975, 7.0134, 21.2560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6319, 15.4762, 12.7530 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 15.6319, 15.4762, 12.7530 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 15.6319, 15.4762, 12.7530

Background



This preview shows how black text looks on a background with the XYZ color 15.6319, 15.4762, 12.7530.

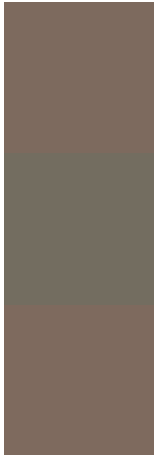


This preview shows how white text looks on a background with the XYZ color 15.6319, 15.4762,

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

15.6319, 15.4762, 12.7530

Protanopia

14.6502, 15.4266, 13.2718

Deuteranopia

15.7786, 15.5518, 12.7599



Tritanopia

16.5273, 15.3824, 17.4272

Trichromacy



Original Color

15.6319, 15.4762, 12.7530

Protanomaly

15.0359, 15.4733, 13.0206

Deuteranomaly

15.7786, 15.5518, 12.7599

Tritanomaly

16.1043, 15.3562, 15.4798

Monochromacy



Original Color

15.6319, 15.4762, 12.7530

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0376, 15.5816, 15.3117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6319, 15.4762, 12.7530 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(125, 106, 94)` looks like.

```
.text, #text, p{  
    color:rgb(125, 106, 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(125, 106, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 106, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.6319, 15.4762, 12.7530 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(125, 106, 94) }
```


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

```
.border{ border-color:rgb(125, 106, 94) }
```

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

Here you see how a box with a 4 pixel rgb(125, 106, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 106, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 106, 94);  
box-shadow:4px 4px 4px 4px rgb(125, 106,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6319, 15.4762, 12.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 106, 94) }
```

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

```
.background{ background-color: rgb(125,  
106, 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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