

Converting Colors

XYZ(15.7629, 15.7699, 14.3132)

Have a look what the booklet for
XYZ(15.7629, 15.7699, 14.3132)
contains.

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Color

**XYZ(15.8312, 15.8562,
14.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6C64
RGB	123, 108, 100
RGB Percent	48%, 42%, 39%
CMY	0.5176, 0.5765, 0.6078
CMYK	0.00, 0.12, 0.19, 0.52
HSL	21°, 10%, 44%
HSV	21°, 19%, 48%
XYZ	15.8312, 15.8562, 14.2827
YIQ	111.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

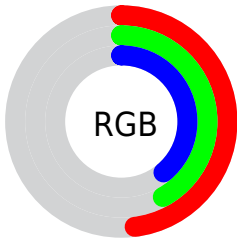
Format	Color
R _Y B	123, 112, 100
Decimal	8088676
CIE Lab	46.79, 4.48, 6.63
CIE LCh	47, 8.000, 55.973
Yxy	15.8562, 0.3444, 0.3449
Android (android.graphics.Color)	4286278756 (0xFF7B6C64)
YUV	111.5730, -5.7055, 10.0215
Hunter-Lab	39.8198, 1.2816, 6.6076

Details

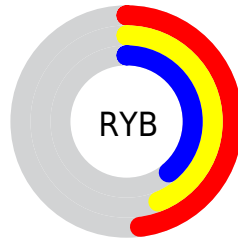
The XYZ color **15.8312, 15.8562, 14.2827** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9613, 16.4004, 21.1161**, and the grayscale version is **15.2903, 16.0866, 17.5183**.

A 20% lighter version of the original color is **35.8885, 36.2607, 34.3856**, and **5.1354, 5.0504, 4.0723** is the 20% darker color. If you saturate the color by 10%, you get **14.4730, 14.0217, 11.1113**, and if you desaturate by 10%, it is **17.3580, 17.8838, 17.9542**.

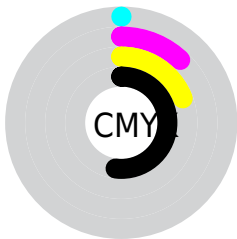
Distribution



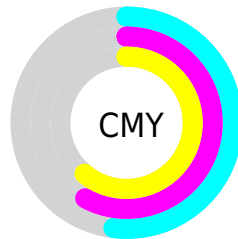
- Red (48%)
- Green (42%)
- Blue (39%)



- Red (48%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8312, 15.8562, 14.2827 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 15.8312, 15.8562, 14.2827 by changing the saturation by 10% instead.

■ 15.8312, 15.8562,
14.2827

■ 15.8312, 15.8562,
14.2827

221.6336,
228.4917, 230.4718

■ 9.4949, 9.4225,
8.1766

■ 35.8647, 36.3484,
34.3141

■ 5.1250, 5.0177,
4.1187

■ 50.2926, 51.1756,
49.0765

■ 2.3563, 2.2577,
1.6907

■ 68.1485, 69.5694,
67.5613

■ 0.8233, 0.7512,
0.3544

■ 89.7975, 91.9143,
90.1872

■ 0.0000, 0.0000,
0.0000

115.6053,
118.5945, 117.3726

145.9369,

149.9946, 149.5362

181.1579,
186.4989, 187.0964

■ 15.8312, 15.8562,
14.2827

■ 15.8312, 15.8562,
14.2827

■ 14.4730, 14.0217,
11.1113

■ 17.3580, 17.8838,
17.9542

■ 13.2761, 12.3723,
8.4171

■ 19.0578, 20.1078,
22.1453

■ 12.2343, 10.9027,
6.1770

■ 20.9367, 22.5342,
26.8757

■ 11.3407, 9.6064,
4.3655

■ 22.9998, 25.1682,
32.1637

■ 10.5876, 8.4765,
2.9544

■ 25.2521, 28.0146,
38.0267

■ 9.9668, 7.5058,
1.9125

■ 27.6985, 31.0782,
44.4815

■ 9.4688, 6.6860,
1.2034

■ 30.3436, 34.3635,
51.5442

■ 9.0720, 6.0040,
0.7267

■ 33.1919, 37.8750,
59.2301

■ 9.0250, 5.9240,
0.6678

■ 36.2477, 41.6169,
67.5541

Harmonies

Analogous

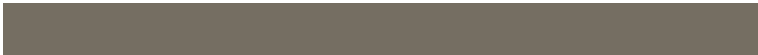
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.3046, 15.8562, 15.6420



15.8312, 15.8562, 14.2827



15.1649, 15.8562, 13.7210

Triad

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



15.8312, 15.8562, 14.2827



13.7765, 15.8562, 16.9973



15.6638, 15.8562, 20.9396

Complementary

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



15.8312, 15.8562, 14.2827



14.9613, 16.4004, 21.1161

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.



14.9772, 15.8562, 21.3714



15.8312, 15.8562, 14.2827



13.9009, 15.8562, 18.9959

Square

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



15.8312, 15.8562, 14.2827



13.9901, 15.8562, 15.2101



14.3352, 15.8562, 20.6353



16.2059, 15.8562, 19.4965

Rectangle

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



15.8312, 15.8562, 14.2827



14.7060, 15.8562, 13.8400



14.3352, 15.8562, 20.6353



15.4416, 15.8562, 21.2124

Sweetspot

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



15.8316, 15.8569, 14.2830



31.8302, 33.0073, 33.9763



15.8394, 14.5710, 18.2982



7.4612, 7.7273, 7.9154



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.



15.8316, 15.8569, 14.2830



27.3806, 27.0929, 23.2914



17.0855, 18.3646, 14.7010



4.1018, 4.2221, 4.2232



9.3314, 6.1187, 0.6892



43.7845, 27.7325, 3.0452

Inverse Universe

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



14.9613, 16.4004, 21.1161



25.5498, 28.2346, 37.6598



13.7644, 14.0067, 20.7171



3.9952, 4.2888, 5.0604



6.6763, 7.4350, 20.4685



31.0273, 33.8273, 97.3638

Previews

White Background



This preview shows how the XYZ color 15.8312, 15.8562, 14.2827 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 15.8312, 15.8562, 14.2827 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 15.8312, 15.8562, 14.2827

Background



This preview shows how black text looks on a background with the XYZ color 15.8312, 15.8562, 14.2827.

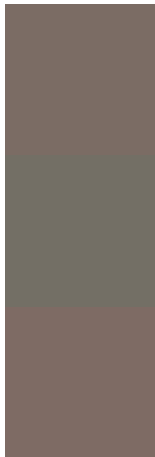


This preview shows how white text looks on a background with the XYZ color 15.8312, 15.8562,

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

15.8312, 15.8562, 14.2827

Protanopia

15.1036, 15.9533, 14.5952

Deuteranopia

16.1621, 15.8711, 14.2682



Tritanopia

16.6487, 15.8829, 18.1078

Trichromacy



Original Color

15.8312, 15.8562, 14.2827

Protanomaly

15.3961, 15.9430, 14.5778

Deuteranomaly

16.0154, 15.7955, 14.2613

Tritanomaly

16.3302, 15.9046, 16.6772

Monochromacy



Original Color

15.8312, 15.8562, 14.2827

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5937, 16.1646, 16.4856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8312, 15.8562, 14.2827 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(123, 108, 100)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 100)  
}
```

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(123, 108, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.8312, 15.8562, 14.2827 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(123, 108, 100) }
```


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

```
.border{ border-color:rgb(123, 108, 100) }
```

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

Here you see how a box with a 4 pixel rgb(123, 108, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 100);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8312, 15.8562, 14.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 108, 100) }
```

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

```
.background{ background-color: rgb(123,  
108, 100) }
```

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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