

Converting Colors

XYZ(15.2655, 15.7592, 15.0199)

Have a look what the booklet for
XYZ(15.2655, 15.7592, 15.0199)
contains.

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Color

**XYZ(15.2529, 15.6985,
15.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	756D67
RGB	117, 109, 103
RGB Percent	46%, 43%, 40%
CMY	0.5412, 0.5725, 0.5961
CMYK	0.00, 0.07, 0.12, 0.54
HSL	26°, 6%, 43%
HSV	26°, 12%, 46%
XYZ	15.2529, 15.6985, 15.0582
YIQ	110.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

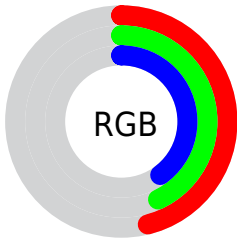
Format	Color
RYB	117, 114, 103
Decimal	7695719
CIELab	46.58, 1.99, 4.46
CIELCh	47, 4.885, 66.018
Yxy	15.6985, 0.3315, 0.3412
Android (android.graphics.Color)	4285885799 (0xFF756D67)
YUV	110.7080, -3.8000, 5.5181
Hunter-Lab	39.6213, -0.6207, 5.2016

Details

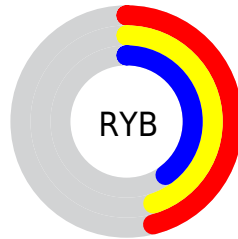
The XYZ color **15.2529, 15.6985, 15.0582** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4887, 15.5363, 19.0647**, and the grayscale version is **15.0345, 15.8175, 17.2252**.

A 20% lighter version of the original color is **34.7657, 35.9097, 35.6708**, and **4.8907, 4.9960, 4.4479** is the 20% darker color. If you saturate the color by 10%, you get **14.0203, 14.1082, 11.9500**, and if you desaturate by 10%, it is **16.6228, 17.4315, 18.6181**.

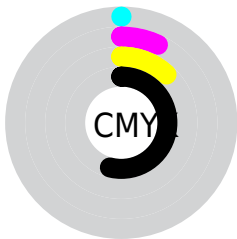
Distribution



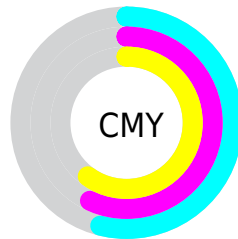
- Red (46%)
- Green (43%)
- Blue (40%)



- Red (46%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2529, 15.6985, 15.0582 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 15.2529, 15.6985, 15.0582 by changing the saturation by 10% instead.

■ 15.2529, 15.6985,
15.0582

■ 15.2529, 15.6985,
15.0582

218.2500,
227.5560, 235.3711

■ 9.0845, 9.3111,
8.7132

■ 34.8643, 36.0740,
35.6990

■ 4.8539, 4.9446,
4.4603

■ 49.0380, 50.8308,
50.8318

■ 2.1957, 2.2148,
1.8811

■ 66.6108, 69.1463,
69.7310

■ 0.7405, 0.7281,
0.4807

■ 87.9482, 91.4047,
92.8151

■ 0.0000, 0.0000,
0.0000

113.4155,
117.9904, 120.5026

143.3780,

149.2880, 153.2121

178.2010,
185.6817, 191.3621

■ 15.2529, 15.6985,
15.0582

■ 15.2529, 15.6985,
15.0582

■ 14.0203, 14.1082,
11.9500

■ 16.6228, 17.4315,
18.6181

■ 12.9192, 12.6548,
9.2741

■ 18.1330, 19.3087,
22.6458

■ 11.9450, 11.3351,
7.0113

■ 19.7881, 21.3344,
27.1581

■ 11.0925, 10.1448,
5.1407

■ 21.5922, 23.5117,
32.1704

■ 10.3563, 9.0797,
3.6393

■ 23.5490, 25.8440,
37.6975

■ 9.7300, 8.1350,
2.4817

■ 25.6622, 28.3344,
43.7537

■ 9.2070, 7.3057,
1.6393

■ 27.9353, 30.9858,
50.3526

■ 8.7794, 6.5862,
1.0785

■ 30.3717, 33.8013,
57.5074

■ 8.4838, 6.0774,
0.7259

■ 32.9748, 36.7837,
65.2308

Harmonies

Analogous

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



15.5863, 15.6985, 15.7637



15.2529, 15.6985, 15.0582



14.8361, 15.6985, 14.8864

Triad

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



15.2529, 15.6985, 15.0582



14.1292, 15.6985, 17.3376



15.4028, 15.6985, 19.0406

Complementary

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



15.2529, 15.6985, 15.0582



14.4887, 15.5363, 19.0647

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.



15.0061, 15.6985, 19.5075



15.2529, 15.6985, 15.0582



14.2748, 15.6985, 18.4950

Square

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



15.2529, 15.6985, 15.0582



14.1924, 15.6985, 16.1666



14.5939, 15.6985, 19.3033



15.6740, 15.6985, 18.0542

Rectangle

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



15.2529, 15.6985, 15.0582



14.5682, 15.6985, 15.0902



14.5939, 15.6985, 19.3033



15.2794, 15.6985, 19.2655

Sweetspot

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



15.2533, 15.6992, 15.0585



29.2213, 30.5299, 31.9071



15.0649, 14.6340, 17.1178



6.6821, 6.9735, 7.2408



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.2533, 15.6992, 15.0585



26.7632, 27.4071, 25.5589



16.0105, 17.2136, 15.3109



3.8011, 3.9352, 3.9015



9.3324, 6.6661, 0.7948



44.6620, 30.8525, 3.6012

Inverse Universe

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



14.4887, 15.5363, 19.0647



25.1453, 27.0623, 34.0352



13.7717, 14.1024, 18.8258



3.6580, 3.9047, 4.6511



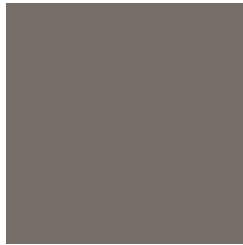
5.7227, 5.7851, 19.3576



27.0244, 26.4654, 94.0443

Previews

White Background



This preview shows how the XYZ color 15.2529, 15.6985, 15.0582 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 15.2529, 15.6985, 15.0582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

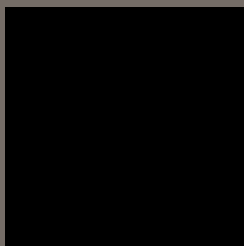
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

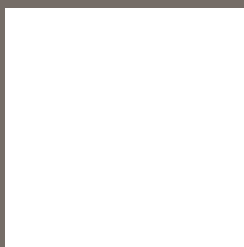
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2529, 15.6985, 15.0582

Background



This preview shows how black text looks on a background with the XYZ color 15.2529, 15.6985, 15.0582.

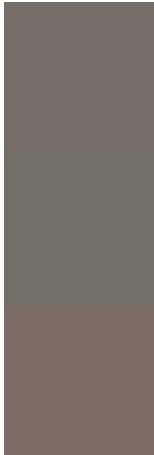


This preview shows how white text looks on a background with the XYZ color 15.2529, 15.6985,

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

15.2529, 15.6985, 15.0582

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

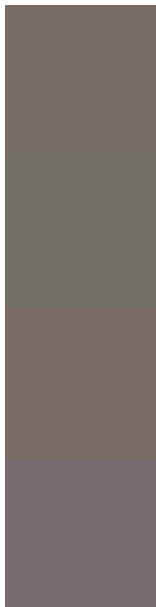
16.0181, 15.7797, 15.0335



Tritanopia

16.0178, 15.6983, 18.7088

Trichromacy



Original Color

15.2529, 15.6985, 15.0582

Protanomaly

15.1449, 15.7962, 15.3474

Deuteranomaly

15.6959, 15.7693, 15.0485

Tritanomaly

15.7030, 15.7244, 17.2464

Monochromacy



Original Color

15.2529, 15.6985, 15.0582

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0928, 15.7453, 16.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2529, 15.6985, 15.0582 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(117, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 103)  
}
```

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(117, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.2529, 15.6985, 15.0582 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(117, 109, 103) }
```


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

```
.border{ border-color:rgb(117, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(117, 109,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2529, 15.6985, 15.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 103) }
```

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

```
.background{ background-color: rgb(117,  
109, 103) }
```

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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