

Converting Colors

XYZ(15.5068, 16.9925, 14.5180)

Have a look what the booklet for
XYZ(15.5068, 16.9925, 14.5180)
contains.

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Color

**XYZ(15.4851, 16.9883,
14.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	727464
RGB	114, 116, 100
RGB Percent	45%, 45%, 39%
CMY	0.5529, 0.5451, 0.6078
CMYK	0.02, 0.00, 0.14, 0.55
HSL	68°, 7%, 42%
HSV	68°, 14%, 45%
XYZ	15.4851, 16.9883, 14.5195
YIQ	113.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

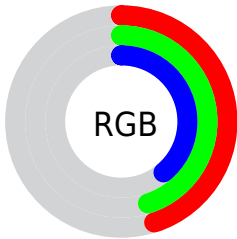
Format	Color
R _Y B	100, 116, 102
Decimal	7500900
CIE Lab	48.25, -3.84, 8.59
CIE LCh	48, 9.407, 114.066
Yxy	16.9883, 0.3295, 0.3615
Android (android.graphics.Color)	4285690980 (0xFF727464)
YUV	113.5780, -6.6940, 0.3701
Hunter-Lab	41.2169, -5.0674, 7.9657

Details

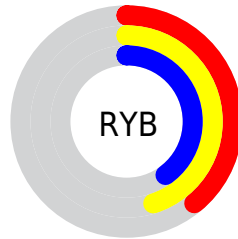
The XYZ color **15.4851, 16.9883, 14.5195** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1897, 13.2005, 18.3767**, and the grayscale version is **15.8869, 16.7143, 18.2018**.

A 20% lighter version of the original color is **35.3144, 38.3466, 34.8185**, and **4.9565, 5.5495, 4.1781** is the 20% darker color. If you saturate the color by 10%, you get **14.7760, 16.6836, 11.7612**, and if you desaturate by 10%, it is **16.2781, 17.3280, 17.6998**.

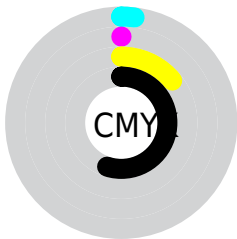
Distribution



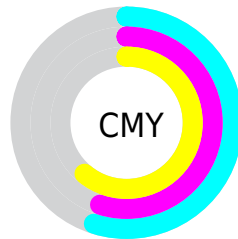
- Red (45%)
- Green (45%)
- Blue (39%)



- Red (39%)
- Yellow (45%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4851, 16.9883, 14.5195 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 15.4851, 16.9883, 14.5195 by changing the saturation by 10% instead.

■ 15.4851, 16.9883,
14.5195

■ 15.4851, 16.9883,
14.5195

219.6146,
235.1049, 231.9789

■ 9.2491, 10.2261,
8.3400

■ 35.2667, 38.3057,
34.7383

■ 4.9624, 5.5492,
4.2224

■ 49.5430, 53.6297,
49.6147

■ 2.2597, 2.5729,
1.7481

■ 67.2300, 72.5764,
68.2271

■ 0.7739, 0.9131,
0.3934

■ 88.6932, 95.5303,
90.9941

■ 0.0000, 0.0000,
0.0000

114.2979,
122.8757, 118.3343

144.4095,

154.9970, 150.6661

179.3932,
192.2786, 188.4081

■ 15.4851, 16.9883,
14.5195

■ 15.4851, 16.9883,
14.5195

■ 14.7760, 16.6836,
11.7612

■ 16.2781, 17.3280,
17.6998

■ 14.1461, 16.4103,
9.4062

■ 17.1567, 17.7018,
21.3176

■ 13.5922, 16.1678,
7.4358

■ 18.1245, 18.1116,
25.3892

■ 13.1103, 15.9544,
5.8295

■ 19.1843, 18.5586,
29.9295

■ 12.6962, 15.7686,
4.5649

■ 20.3389, 19.0438,
34.9527

■ 12.3453, 15.6082,
3.6172

■ 21.5908, 19.5683,
40.4726

■ 12.0520, 15.4713,
2.9582

■ 22.9425, 20.1331,
46.5022

■ 11.8089, 15.3548,
2.5481

■ 24.3966, 20.7392,
53.0543

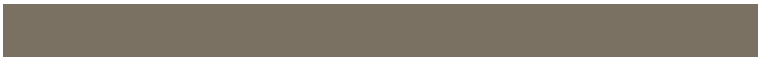
■ 11.6674, 15.2864,
2.3356

■ 25.9552, 21.3874,
60.1411

Harmonies

Analogous

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



16.3176, 16.9883, 14.1949



15.4851, 16.9883, 14.5195



14.8508, 16.9883, 15.8674

Triad

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



15.4851, 16.9883, 14.5195



15.2003, 16.9883, 22.5815



17.8395, 16.9883, 18.9888

Complementary

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



15.4851, 16.9883, 14.5195



13.1897, 13.2005, 18.3767

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.



17.5162, 16.9883, 21.4030



15.4851, 16.9883, 14.5195



15.9774, 16.9883, 23.5917

Square

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



15.4851, 16.9883, 14.5195



14.6905, 16.9883, 20.4864



16.8272, 16.9883, 23.1425



17.6964, 16.9883, 16.6414

Rectangle

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



15.4851, 16.9883, 14.5195



14.6157, 16.9883, 17.2336



16.8272, 16.9883, 23.1425



17.7814, 16.9883, 19.8215

Sweetspot

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



15.4856, 16.9890, 14.5199



28.5674, 30.4388, 30.9286



14.2415, 14.1101, 14.0297



6.7931, 7.2522, 7.2888



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.



15.4856, 16.9890, 14.5199



26.7494, 29.6602, 23.6748



14.5060, 16.4840, 14.4740



3.9238, 4.2442, 3.9547



13.0824, 17.1486, 2.6205



63.2573, 83.3121, 12.7468

Inverse Universe

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



13.1897, 13.2005, 18.3767



21.7721, 21.4467, 32.0366



14.1239, 13.6821, 18.4204



3.5393, 3.6098, 4.6005



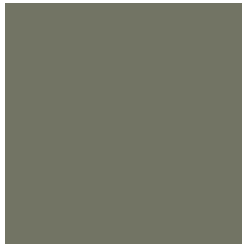
3.7399, 1.5193, 18.6387



17.8128, 7.1913, 90.8095

Previews

White Background



This preview shows how the XYZ color 15.4851, 16.9883, 14.5195 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 15.4851, 16.9883, 14.5195 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

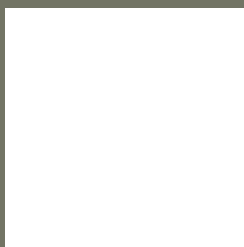
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4851, 16.9883, 14.5195

Background



This preview shows how black text looks on a background with the XYZ color 15.4851, 16.9883, 14.5195.



This preview shows how white text looks on a background with the XYZ color 15.4851, 16.9883,

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

15.4851, 16.9883, 14.5195

Protanopia

16.0152, 16.9285, 14.2278

Deuteranopia

17.1308, 16.8373, 14.6589



Tritanopia

16.7541, 16.9973, 20.8101

Trichromacy



Original Color

15.4851, 16.9883, 14.5195

Protanomaly

15.8541, 17.0139, 14.2528

Deuteranomaly

16.4553, 16.8130, 14.6899

Tritanomaly

16.2570, 16.9625, 18.3368

Monochromacy



Original Color

15.4851, 16.9883, 14.5195

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8305, 16.9430, 16.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4851, 16.9883, 14.5195 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(114, 116, 100)` looks like.

```
.text, #text, p{  
    color:rgb(114, 116, 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(114, 116, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 116, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.4851, 16.9883, 14.5195 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(114, 116, 100) }
```


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

```
.border{ border-color:rgb(114, 116, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 116, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 116, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 116, 100);  
box-shadow:4px 4px 4px 4px rgb(114, 116,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4851, 16.9883, 14.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 116, 100) }
```

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

```
.background{ background-color: rgb(114,  
116, 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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