

Converting Colors

XYZ(15.0383, 18.2934, 9.9463)

Have a look what the booklet for
XYZ(15.0383, 18.2934, 9.9463)
contains.

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Color

**XYZ(15.0132, 18.2804,
9.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7C4E
RGB	110, 124, 78
RGB Percent	43%, 49%, 31%
CMY	0.5686, 0.5137, 0.6941
CMYK	0.11, 0.00, 0.37, 0.51
HSL	78°, 23%, 40%
HSV	78°, 37%, 49%
XYZ	15.0132, 18.2804, 9.9449
YIQ	114.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

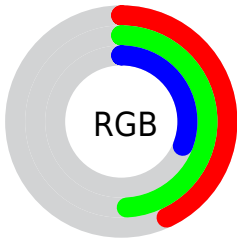
Format	Color
RYB	78, 124, 92
Decimal	7240782
CIELab	49.83, -13.49, 23.44
CIELCh	50, 27.043, 119.920
Yxy	18.2804, 0.3472, 0.4228
Android (android.graphics.Color)	4285430862 (0xFF6E7C4E)
YUV	114.5700, -18.0290, -4.0079
Hunter-Lab	42.7556, -12.1438, 16.1381

Details

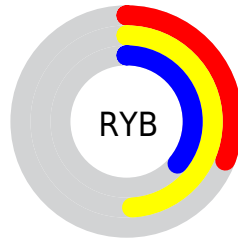
The XYZ color **15.0132, 18.2804, 9.9449** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7769, 9.1798, 20.2738**, and the grayscale version is **16.2174, 17.0620, 18.5805**.

A 20% lighter version of the original color is **34.5187, 40.6842, 26.4556**, and **4.7013, 6.1285, 2.3016** is the 20% darker color. If you saturate the color by 10%, you get **14.1504, 17.8828, 7.7987**, and if you desaturate by 10%, it is **15.9808, 18.7235, 12.5344**.

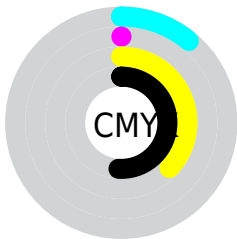
Distribution



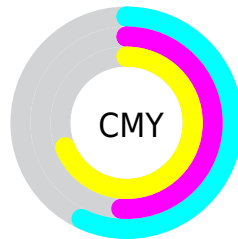
- Red (43%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0132, 18.2804, 9.9449 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 15.0132, 18.2804, 9.9449 by changing the saturation by 10% instead.

■ 15.0132, 18.2804,
9.9449

■ 15.0132, 18.2804,
9.9449

216.8329,
242.4468, 200.7489

■ 8.9150, 11.1515,
5.2573

■ 34.4478, 40.5145,
26.2980

■ 4.7425, 6.1688,
2.3376

■ 48.5149, 56.3886,
38.8006

■ 2.1302, 2.9480,
0.7522

■ 65.9691, 75.9464,
54.7453

■ 0.7055, 1.1046,
0.0000

■ 87.1757, 99.5725,
74.5506

■ 0.0000, 0.0000,
0.0000

■ 112.5000,
127.6511, 98.6351

142.3074,

160.5668, 127.4172

176.9632,
198.7039, 161.3157

■ 15.0132, 18.2804,
9.9449

■ 15.0132, 18.2804,
9.9449

■ 14.1504, 17.8828,
7.7987

■ 15.9808, 18.7235,
12.5344

■ 13.3860, 17.5262,
6.0698

■ 17.0565, 19.2115,
15.5891

■ 12.7150, 17.2093,
4.7312

■ 18.2449, 19.7470,
19.1307

■ 12.1315, 16.9295,
3.7522

■ 19.5501, 20.3316,
23.1792

■ 11.6284, 16.6841,
3.0977

■ 20.9760, 20.9669,
27.7536

■ 11.1911, 16.4672,
2.6920

■ 22.5261, 21.6544,
32.8717

■ 11.0694, 16.4067,
2.5834

■ 24.2040, 22.3954,
38.5507

■ 26.0129, 23.1913,
44.8070

■ 27.9560, 24.0434,
51.6561

Harmonies

Analogous

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



17.3819, 18.2804, 8.7982



15.0132, 18.2804, 9.9449



13.4213, 18.2804, 13.5915

Triad

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



15.0132, 18.2804, 9.9449



15.0023, 18.2804, 34.9268



22.8308, 18.2804, 19.9241

Complementary

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



15.0132, 18.2804, 9.9449



10.7769, 9.1798, 20.2738

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.



22.0376, 18.2804, 27.9199



15.0132, 18.2804, 9.9449



17.3680, 18.2804, 37.7889

Square

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



15.0132, 18.2804, 9.9449



13.4154, 18.2804, 27.8768



19.9723, 18.2804, 34.9558



22.0457, 18.2804, 13.6182

Rectangle

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



15.0132, 18.2804, 9.9449



12.9288, 18.2804, 17.5167



19.9723, 18.2804, 34.9558



22.7389, 18.2804, 22.4994

Sweetspot

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



15.0137, 18.2812, 9.9453



31.2097, 34.3455, 30.9625



13.4979, 12.4554, 8.9007



7.2966, 8.0647, 7.1320



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.



15.0137, 18.2812, 9.9453



25.0481, 31.5364, 14.0773



12.5326, 17.0022, 9.8292



4.1946, 4.5756, 4.2866



11.2498, 16.6767, 2.6260



52.7665, 79.0876, 12.4843

Inverse Universe

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



10.7769, 9.1798, 20.2738



16.3971, 12.9376, 35.1896



13.4071, 10.5358, 20.3969



3.9018, 3.9472, 4.9994



4.4991, 1.8921, 19.5134



20.6904, 8.6283, 93.0447

Previews

White Background



This preview shows how the XYZ color 15.0132, 18.2804, 9.9449 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 15.0132, 18.2804, 9.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

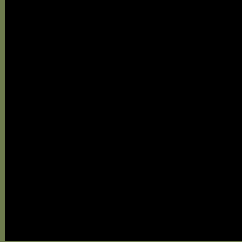
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0132, 18.2804, 9.9449

Background



This preview shows how black text looks on a background with the XYZ color 15.0132, 18.2804, 9.9449.



This preview shows how white text looks on a background with the XYZ color 15.0132, 18.2804,

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

15.0132, 18.2804, 9.9449

Protanopia

16.8362, 18.1458, 9.4526

Deuteranopia

18.5084, 18.1402, 10.1153



Tritanopia

17.6453, 18.2711, 22.6753

Trichromacy



Original Color

15.0132, 18.2804, 9.9449

Protanomaly

16.0821, 18.1063, 9.6684

Deuteranomaly

16.9785, 18.0329, 9.9830

Tritanomaly

16.4162, 18.1145, 17.0992

Monochromacy



Original Color

15.0132, 18.2804, 9.9449

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.6868, 17.4269, 15.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0132, 18.2804, 9.9449 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(110, 124, 78)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 78)  
}
```

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(110, 124, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.0132, 18.2804, 9.9449 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(110, 124, 78) }
```


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

```
.border{ border-color:rgb(110, 124, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 78);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0132, 18.2804, 9.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 78) }
```

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

```
.background{ background-color: rgb(110,  
124, 78) }
```

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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