

Converting Colors

XYZ(15.0284, 18.4705, 6.7898)

Have a look what the booklet for
XYZ(15.0284, 18.4705, 6.7898)
contains.

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Color

**XYZ(15.0368, 18.5501,
6.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	727D3A
RGB	114, 125, 58
RGB Percent	45%, 49%, 23%
CMY	0.5529, 0.5098, 0.7725
CMYK	0.09, 0.00, 0.54, 0.51
HSL	70°, 37%, 36%
HSV	70°, 54%, 49%
XYZ	15.0368, 18.5501, 6.7910
YIQ	114.0730, 14.9510, -23.1690

Conversions

Conversions Part 2

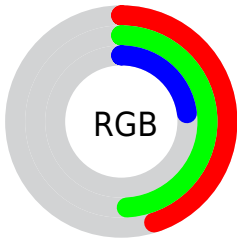
Format	Color
RYB	58, 125, 69
Decimal	7503162
CIELab	50.16, -14.74, 34.75
CIELCh	50, 37.744, 112.980
Yxy	18.5501, 0.3724, 0.4594
Android (android.graphics.Color)	4285693242 (0xFF727D3A)
YUV	114.0730, -27.6440, -0.0640
Hunter-Lab	43.0698, -13.0532, 20.8004

Details

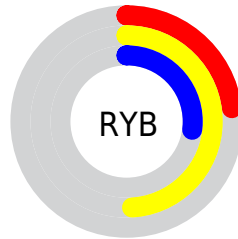
The XYZ color **15.0368, 18.5501, 6.7910** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.6696, 5.7724, 20.1130**, and the grayscale version is **16.0938, 16.9319, 18.4388**.

A 20% lighter version of the original color is **34.5106, 41.1178, 20.0275**, and **4.7481, 6.2786, 1.2201** is the 20% darker color. If you saturate the color by 10%, you get **14.4928, 18.3027, 5.3025**, and if you desaturate by 10%, it is **15.6649, 18.8332, 8.6874**.

Distribution



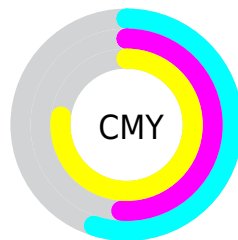
- Red (45%)
- Green (49%)
- Blue (23%)



- Red (23%)
- Yellow (49%)
- Blue (27%)



- Cyan (9%)
- Magenta (0%)
- Yellow (54%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0368, 18.5501, 6.7910 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 15.0368, 18.5501, 6.7910 by changing the saturation by 10% instead.

15.0368, 18.5501,
6.7910

15.0368, 18.5501,
6.7910

216.9728,
243.9537, 175.4801

8.9317, 11.3456,
3.2553

34.4889, 40.9725,
20.0572

4.7534, 6.2998,
1.2264

48.5665, 56.9592,
30.6247

2.1366, 3.0282,
0.0003

66.0324, 76.6421,
44.3732

0.7090, 1.1465,
0.0000

87.2519, 100.4056,
61.7213

0.0000, 0.0173,
0.0000

112.5903,
128.6342, 83.0875

0.0000, 0.0000,
0.0000

142.4130,

161.7121, 108.8904

177.0854,
200.0238, 139.5484

■ 15.0368, 18.5501,
6.7910

■ 15.0368, 18.5501,
6.7910

■ 14.4928, 18.3027,
5.3025

■ 15.6649, 18.8332,
8.6874

■ 14.0259, 18.0861,
4.1907

■ 16.3810, 19.1515,
11.0174

■ 13.6299, 17.8986,
3.4218

■ 17.1902, 19.5078,
13.8061

■ 13.2967, 17.7368,
2.9525

■ 18.0969, 19.9038,
17.0762

■ 13.0983, 17.6396,
2.7144

■ 19.1052, 20.3411,
20.8492

■ 20.2189, 20.8213,
25.1449

■ 21.4416, 21.3458,
29.9824

■ 22.7768, 21.9161,
35.3795

■ 24.2278, 22.5333,
41.3534

Harmonies

Analogous

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



18.5008, 18.5501, 6.1178



15.0368, 18.5501, 6.7910



12.6114, 18.5501, 10.3711

Triad

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



15.0368, 18.5501, 6.7910



13.7430, 18.5501, 40.8089



25.5327, 18.5501, 22.7487

Complementary

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



15.0368, 18.5501, 6.7910



7.6696, 5.7724, 20.1130

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.



23.8327, 18.5501, 34.8350



15.0368, 18.5501, 6.7910



16.7895, 18.5501, 47.3493

Square

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



15.0368, 18.5501, 6.7910



11.9394, 18.5501, 29.0808



20.5083, 18.5501, 44.8517



24.8941, 18.5501, 13.3376

Rectangle

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



15.0368, 18.5501, 6.7910



11.7484, 18.5501, 14.8792



20.5083, 18.5501, 44.8517



25.2088, 18.5501, 26.6535

Sweetspot

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



15.0372, 18.5509, 6.7914



31.9350, 35.4361, 28.8567



11.2919, 8.8063, 5.1079



7.2024, 8.0335, 6.3401



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.



15.0372, 18.5509, 6.7914



25.7783, 32.6940, 9.0560



11.5300, 16.7429, 6.6273



4.5982, 4.9848, 4.6399



13.6650, 18.4070, 2.8327



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.6696, 5.7724, 20.1130



11.1529, 7.2866, 35.5630



10.6439, 7.3058, 20.2522



4.1696, 4.2430, 5.4125



4.1714, 1.7041, 20.3590



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0368, 18.5501, 6.7910 looks on a white 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

Black Background



This preview shows how the XYZ color 15.0368, 18.5501, 6.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

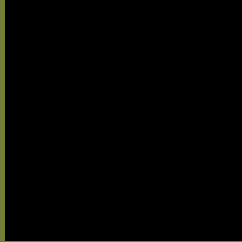
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0368, 18.5501, 6.7910

Background



This preview shows how black text looks on a background with the XYZ color 15.0368, 18.5501, 6.7910.



This preview shows how white text looks on a background with the XYZ color 15.0368, 18.5501,

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

15.0368, 18.5501, 6.7910

Protanopia

16.8264, 18.3847, 6.4031

Deuteranopia

18.7137, 18.4825, 6.9960



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy



Original Color

15.0368, 18.5501, 6.7910

Protanomaly

16.0333, 18.3301, 6.5639

Deuteranomaly

17.1256, 18.3514, 6.9145

Tritanomaly

16.8434, 18.5560, 15.2643

Monochromacy



Original Color

15.0368, 18.5501, 6.7910

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4382, 17.3424, 13.1234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0368, 18.5501, 6.7910 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, 125, 58)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 58)  
}
```

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, 125, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 58) }
```

Border

The CSS property to change the border of an element to XYZ 15.0368, 18.5501, 6.7910 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, 125, 58) }
```


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

```
.border{ border-color:rgb(114, 125, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 125, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 58);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0368, 18.5501, 6.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 58) }
```

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

```
.background{ background-color: rgb(114,  
125, 58) }
```

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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