

Converting Colors

XYZ(15.2431, 18.1444, 13.0547)

Have a look what the booklet for
XYZ(15.2431, 18.1444, 13.0547)
contains.

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Color

**XYZ(15.2431, 18.1444,
13.0547)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7B5D
RGB	108, 123, 93
RGB Percent	42%, 48%, 36%
CMY	0.5765, 0.5176, 0.6353
CMYK	0.12, 0.00, 0.24, 0.52
HSL	90°, 14%, 42%
HSV	90°, 24%, 48%
XYZ	15.2431, 18.1444, 13.0547
YIQ	115.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

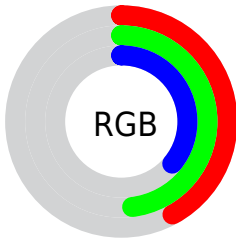
Format	Color
RYB	93, 123, 108
Decimal	7109469
CIELab	49.67, -11.41, 14.61
CIELCh	50, 18.534, 127.999
Yxy	18.1444, 0.3282, 0.3907
Android (android.graphics.Color)	4285299549 (0xFF6C7B5D)
YUV	115.0950, -10.8928, -6.2223
Hunter-Lab	42.5962, -10.6671, 11.6464

Details

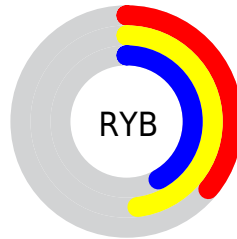
The XYZ color **15.2431, 18.1444, 13.0547** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.6745, 12.4474, 20.4218**, and the grayscale version is **16.3568, 17.2086, 18.7402**.

A 20% lighter version of the original color is **34.7851, 40.1167, 31.8965**, and **4.8253, 6.0635, 3.6054** is the 20% darker color. If you saturate the color by 10%, you get **14.0198, 17.5723, 10.3787**, and if you desaturate by 10%, it is **16.6078, 18.7804, 16.1956**.

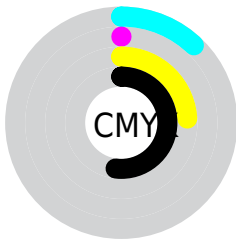
Distribution



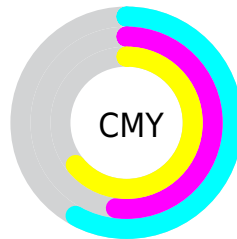
- Red (42%)
- Green (48%)
- Blue (36%)



- Red (36%)
- Yellow (48%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2431, 18.1444, 13.0547 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 15.2431, 18.1444, 13.0547 by changing the saturation by 10% instead.

■ 15.2431, 18.1444,
13.0547

■ 15.2431, 18.1444,
13.0547

218.1923,
241.6837, 222.4881

■ 9.0776, 11.0537,
7.3351

■ 34.8473, 40.2832,
32.0946

■ 4.8494, 6.1030,
3.5909

■ 49.0166, 56.1001,
46.2520

■ 2.1930, 2.9078,
1.4037

■ 66.5847, 75.5946,
64.0591

■ 0.7390, 1.0838,
0.1446

■ 87.9167, 99.1510,
85.9343

■ 0.0000, 0.0000,
0.0000

113.3781,
127.1537, 112.2963

143.3343,

159.9871, 143.5635

178.1506,
198.0357, 180.1546

■ 15.2431, 18.1444,
13.0547

■ 15.2431, 18.1444,
13.0547

■ 14.0198, 17.5723,
10.3787

■ 16.6078, 18.7804,
16.1956

■ 12.9313, 17.0594,
8.1444

■ 18.1174, 19.4799,
19.8208

■ 11.9722, 16.6043,
6.3282

■ 19.7771, 20.2459,
23.9500

■ 11.1367, 16.2042,
4.9039

■ 21.5914, 21.0801,
28.6017

■ 10.4178, 15.8563,
3.8426

■ 23.5645, 21.9844,
33.7932

■ 9.8082, 15.5576,
3.1110

■ 25.7005, 22.9605,
39.5410

■ 9.2975, 15.3038,
2.6620

■ 28.0033, 24.0102,
45.8610

■ 9.0385, 15.1746,
2.4526

■ 30.4767, 25.1349,
52.7685

■ 33.1244, 26.3364,
60.2782

Harmonies

Analogous

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



16.7786, 18.1444, 11.6220



15.2431, 18.1444, 13.0547



14.2916, 18.1444, 16.3399

Triad

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



15.2431, 18.1444, 13.0547



16.0075, 18.1444, 30.1857



20.8226, 18.1444, 18.4367

Complementary

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



15.2431, 18.1444, 13.0547



13.6745, 12.4474, 20.4218

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.



20.5811, 18.1444, 23.6182



15.2431, 18.1444, 13.0547



17.7214, 18.1444, 31.0051

Square

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



15.2431, 18.1444, 13.0547



14.7116, 18.1444, 26.3512



19.4165, 18.1444, 28.4300



20.0553, 18.1444, 14.3650

Rectangle

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



15.2431, 18.1444, 13.0547



14.0769, 18.1444, 19.4193



19.4165, 18.1444, 28.4300



20.8576, 18.1444, 20.0969

Sweetspot

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



15.2436, 18.1452, 13.0551



31.6637, 34.5217, 33.5979



15.5074, 15.7271, 12.5744



7.4291, 8.1173, 7.8448



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.



15.2436, 18.1452, 13.0551



26.0991, 31.9322, 20.7259



13.5735, 17.2842, 12.9769



4.1240, 4.5392, 4.2833



9.3434, 15.6939, 2.5368



43.5875, 74.3556, 12.0548

Inverse Universe

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



13.6745, 12.4474, 20.4218



22.8018, 19.9581, 36.2071



15.6586, 13.4702, 20.5146



3.9708, 3.9828, 5.0027



5.7154, 2.5191, 19.5703



26.2813, 11.5105, 93.3064

Previews

White Background



This preview shows how the XYZ color 15.2431, 18.1444, 13.0547 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 15.2431, 18.1444, 13.0547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

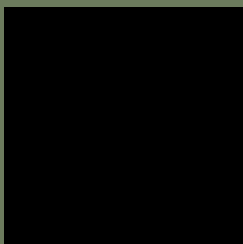
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2431, 18.1444, 13.0547

Background



This preview shows how black text looks on a background with the XYZ color 15.2431, 18.1444, 13.0547.



This preview shows how white text looks on a background with the XYZ color 15.2431, 18.1444,

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

15.2431, 18.1444, 13.0547

Protanopia

16.9709, 18.1478, 12.5059

Deuteranopia

18.2872, 17.9548, 13.3283



Tritanopia

17.1848, 18.0261, 22.9957

Trichromacy



Original Color

15.2431, 18.1444, 13.0547

Protanomaly

16.2560, 18.1276, 12.7674

Deuteranomaly

16.9859, 17.9664, 13.1623

Tritanomaly

16.3665, 18.0503, 18.8411

Monochromacy



Original Color

15.2431, 18.1444, 13.0547

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8144, 17.4631, 16.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2431, 18.1444, 13.0547 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(108, 123, 93)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 93)  
}
```

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(108, 123, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.2431, 18.1444, 13.0547 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(108, 123, 93) }
```


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

```
.border{ border-color:rgb(108, 123, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 93);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2431, 18.1444, 13.0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 93) }
```

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

```
.background{ background-color: rgb(108,  
123, 93) }
```

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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