

Converting Colors

XYZ(15.7452, 18.2929, 13.0625)

Have a look what the booklet for
XYZ(15.7452, 18.2929, 13.0625)
contains.

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Color

**XYZ(15.7454, 18.2201,
13.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	717A5D
RGB	113, 122, 93
RGB Percent	44%, 48%, 36%
CMY	0.5569, 0.5216, 0.6353
CMYK	0.07, 0.00, 0.24, 0.52
HSL	79°, 13%, 42%
HSV	79°, 24%, 48%
XYZ	15.7454, 18.2201, 13.0429
YIQ	116.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

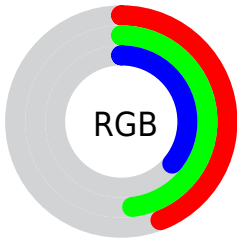
Format	Color
R_{YB}	93, 122, 102
Decimal	7436893
CIE _{Lab}	49.76, -8.85, 14.79
CIE _{LCh}	50, 17.239, 120.897
Yxy	18.2201, 0.3349, 0.3876
Android (android.graphics.Color)	4285626973 (0xFF717A5D)
YUV	116.0030, -11.3405, -2.6336
Hunter-Lab	42.6850, -8.8547, 11.7628

Details

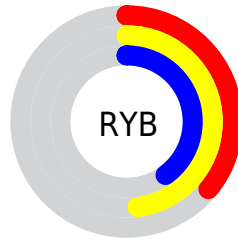
The XYZ color **15.7454, 18.2201, 13.0429** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.9074, 12.0591, 20.0607**, and the grayscale version is **16.6346, 17.5009, 19.0585**.

A 20% lighter version of the original color is **35.6110, 40.2546, 31.8796**, and **5.0756, 6.0941, 3.5981** is the 20% darker color. If you saturate the color by 10%, you get **14.7706, 17.7757, 10.3980**, and if you desaturate by 10%, it is **16.8277, 18.7111, 16.1437**.

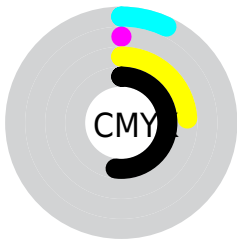
Distribution



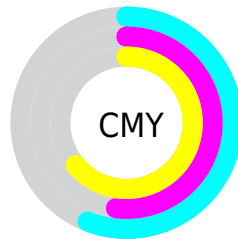
- Red (44%)
- Green (48%)
- Blue (36%)



- Red (36%)
- Yellow (48%)
- Blue (40%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7454, 18.2201, 13.0429 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 15.7454, 18.2201, 13.0429 by changing the saturation by 10% instead.

■ 15.7454, 18.2201,
13.0429

■ 15.7454, 18.2201,
13.0429

221.1347,
242.1087, 222.4099

■ 9.4339, 11.1081,
7.3270

■ 35.7167, 40.4120,
32.0732

■ 5.0846, 6.1396,
3.5859

■ 50.1071, 56.2607,
46.2246

■ 2.3323, 2.9302,
1.4010

■ 67.9213, 75.7905,
64.0250

■ 0.8111, 1.0954,
0.1425

■ 89.5244, 99.3857,
85.8929

■ 0.0000, 0.0000,
0.0000

115.2820,
127.4307, 112.2467

145.5594,

160.3100, 143.5052

180.7218,
198.4078, 180.0867

■ 15.7454, 18.2201,
13.0429

■ 15.7454, 18.2201,
13.0429

■ 14.7706, 17.7757,
10.3980

■ 16.8277, 18.7111,
16.1437

■ 13.8976, 17.3737,
8.1864

■ 18.0202, 19.2479,
19.7192

■ 13.1223, 17.0130,
6.3851

■ 19.3271, 19.8329,
23.7888

■ 12.4394, 16.6916,
4.9688

■ 20.7521, 20.4676,
28.3704

■ 11.8434, 16.4072,
3.9092

■ 22.2986, 21.1534,
33.4808

■ 11.3280, 16.1572,
3.1741

■ 23.9699, 21.8915,
39.1362

■ 10.8847, 15.9383,
2.7209

■ 25.7692, 22.6834,
45.3523

■ 10.6279, 15.8107,
2.4916

■ 27.6995, 23.5302,
52.1437

■ 29.7638, 24.4331,
59.5248

Harmonies

Analogous

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



17.2683, 18.2201, 12.0967



15.7454, 18.2201, 13.0429



14.7011, 18.2201, 15.7549

Triad

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



15.7454, 18.2201, 13.0429



15.8259, 18.2201, 28.8416



20.6728, 18.2201, 19.6973

Complementary

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



15.7454, 18.2201, 13.0429



12.9074, 12.0591, 20.0607

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.



20.2276, 18.2201, 24.5732



15.7454, 18.2201, 13.0429



17.3671, 18.2201, 30.3313

Square

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



15.7454, 18.2201, 13.0429



14.7455, 18.2201, 24.8572



18.9912, 18.2201, 28.6603



20.1728, 18.2201, 15.5455

Rectangle

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



15.7454, 18.2201, 13.0429



14.3815, 18.2201, 18.4411



18.9912, 18.2201, 28.6603



20.6285, 18.2201, 21.3050

Sweetspot

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



15.7459, 18.2209, 13.0433



30.9663, 33.5309, 32.4574



14.7244, 14.3724, 12.3543



7.0607, 7.6580, 7.3618



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.7459, 18.2209, 13.0433



26.6611, 31.5807, 20.0931



14.0597, 17.3516, 12.9644



4.1924, 4.5745, 4.2865



11.1802, 16.6408, 2.6227



52.4269, 78.9125, 12.4685

Inverse Universe

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



12.9074, 12.0591, 20.0607



20.6776, 18.5883, 34.8910



14.6569, 12.9610, 20.1426



3.9039, 3.9483, 4.9995



4.5271, 1.9065, 19.5147



20.8138, 8.6919, 93.0505

Previews

White Background



This preview shows how the XYZ color 15.7454, 18.2201, 13.0429 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 15.7454, 18.2201, 13.0429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

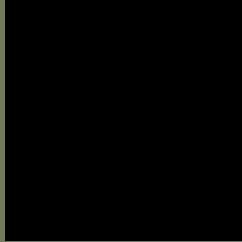
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.7454, 18.2201, 13.0429

Background



This preview shows how black text looks on a background with the XYZ color 15.7454, 18.2201, 13.0429.



This preview shows how white text looks on a background with the XYZ color 15.7454, 18.2201,

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

15.7454, 18.2201, 13.0429

Protanopia

16.9709, 18.1478, 12.5059

Deuteranopia

18.5641, 18.2641, 13.3734



Tritanopia

17.6633, 18.1064, 22.6426

Trichromacy



Original Color

15.7454, 18.2201, 13.0429

Protanomaly

16.4138, 18.0313, 12.7405

Deuteranomaly

17.4349, 18.1979, 13.1833

Tritanomaly

16.8938, 18.1445, 18.8315

Monochromacy



Original Color

15.7454, 18.2201, 13.0429

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2554, 17.6844, 16.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7454, 18.2201, 13.0429 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(113, 122, 93)` looks like.

```
.text, #text, p{  
    color:rgb(113, 122, 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(113, 122, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 122, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.7454, 18.2201, 13.0429 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(113, 122, 93) }
```


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

```
.border{ border-color:rgb(113, 122, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 122, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 122, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 122, 93);  
box-shadow:4px 4px 4px 4px rgb(113, 122,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7454, 18.2201, 13.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 122, 93) }
```

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

```
.background{ background-color: rgb(113,  
122, 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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