

Converting Colors

XYZ(15.6829, 18.2820, 14.4073)

Have a look what the booklet for
XYZ(15.6829, 18.2820, 14.4073)
contains.

XYZ(15.7655, 18.3818, 14.5215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.7655, 18.3818,
14.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7B63
RGB	110, 123, 99
RGB Percent	43%, 48%, 39%
CMY	0.5686, 0.5176, 0.6118
CMYK	0.11, 0.00, 0.20, 0.52
HSL	93°, 11%, 44%
HSV	93°, 20%, 48%
XYZ	15.7655, 18.3818, 14.5215
YIQ	116.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

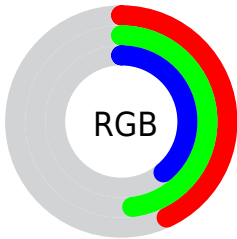
Format	Color
RYB	99, 123, 112
Decimal	7240547
CIELab	49.96, -9.57, 11.53
CIElCh	50, 14.988, 129.687
Yxy	18.3818, 0.3239, 0.3777
Android (android.graphics.Color)	4285430627 (0xFF6E7B63)
YUV	116.3770, -8.5669, -5.5926
Hunter-Lab	42.8740, -9.3920, 9.9302

Details

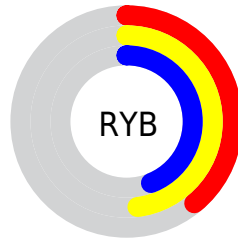
The XYZ color **15.7655, 18.3818, 14.5215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7199, 13.7990, 20.6276**, and the grayscale version is **16.7422, 17.6141, 19.1817**.

A 20% lighter version of the original color is **35.7353, 40.5433, 34.7964**, and **5.0552, 6.1696, 4.1732** is the 20% darker color. If you saturate the color by 10%, you get **14.4237, 17.7535, 11.6194**, and if you desaturate by 10%, it is **17.2603, 19.0797, 17.8991**.

Distribution



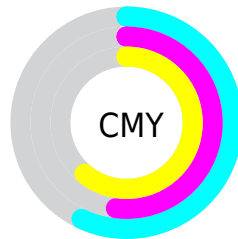
- Red (43%)
- Green (48%)
- Blue (39%)



- Red (39%)
- Yellow (48%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7655, 18.3818, 14.5215 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 15.7655, 18.3818, 14.5215 by changing the saturation by 10% instead.

■ 15.7655, 18.3818,
14.5215

■ 15.7655, 18.3818,
14.5215

221.2517,
243.0143, 231.9916

■ 9.4482, 11.2244,
8.3414

■ 35.7514, 40.6868,
34.7419

■ 5.0941, 6.2180,
4.2233

■ 50.1506, 56.6033,
49.6192

■ 2.3379, 2.9781,
1.7486

■ 67.9745, 76.2083,
68.2327

■ 0.8139, 1.1203,
0.3937

■ 89.5885, 99.8861,
91.0009

■ 0.0000, 0.0000,
0.0000

115.3578,
128.0213, 118.3424

145.6479,

160.9981, 150.6756

180.8240,
199.2010, 188.4192

■ 15.7655, 18.3818,
14.5215

■ 15.7655, 18.3818,
14.5215

■ 14.4237, 17.7535,
11.6194

■ 17.2603, 19.0797,
17.8991

■ 13.2279, 17.1900,
9.1703

■ 18.9116, 19.8470,
21.7711

■ 12.1730, 16.6898,
7.1517

■ 20.7249, 20.6866,
26.1567

■ 11.2527, 16.2501,
5.5385

■ 22.7047, 21.6004,
31.0737

■ 10.4602, 15.8680,
4.3032

■ 24.8554, 22.5905,
36.5391

■ 9.7881, 15.5406,
3.4147

■ 27.1814, 23.6585,
42.5692

■ 9.2280, 15.2640,
2.8372

■ 29.6867, 24.8063,
49.1796

■ 8.7565, 15.0288,
2.4565

■ 32.3753, 26.0356,
56.3852

■ 8.7349, 15.0181,
2.4384

■ 35.2509, 27.3481,
64.2003

Harmonies

Analogous

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



17.0105, 18.3818, 13.1834



15.7655, 18.3818, 14.5215



15.0060, 18.3818, 17.3912

Triad

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



15.7655, 18.3818, 14.5215



16.5295, 18.3818, 28.3913



20.3392, 18.3818, 18.7123

Complementary

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



15.7655, 18.3818, 14.5215



14.7199, 13.7990, 20.6276

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.



20.1930, 18.3818, 22.8895



15.7655, 18.3818, 14.5215



17.9404, 18.3818, 28.8729

Square

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



15.7655, 18.3818, 14.5215



15.4300, 18.3818, 25.5056



19.2960, 18.3818, 26.7432



19.6852, 18.3818, 15.3744

Rectangle

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



15.7655, 18.3818, 14.5215



14.8513, 18.3818, 19.9715



19.2960, 18.3818, 26.7432



20.3828, 18.3818, 20.0579

Sweetspot

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



15.7660, 18.3826, 14.5219



31.8705, 34.6133, 34.2841



16.1934, 16.6568, 14.1663



7.4713, 8.1358, 7.9937



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.



15.7660, 18.3826, 14.5219



27.2252, 32.4459, 23.7974



14.5197, 17.7357, 14.6643



4.1092, 4.5316, 4.2826



9.0295, 15.5321, 2.5221



42.1130, 73.5955, 11.9858

Inverse Universe

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



14.7199, 13.7990, 20.6276



25.0247, 22.8051, 36.6395



16.1562, 14.5453, 20.4344



3.9857, 3.9905, 5.0034



6.0608, 2.6972, 19.5865



27.9196, 12.3551, 93.3830

Previews

White Background



This preview shows how the XYZ color 15.7655, 18.3818, 14.5215 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 15.7655, 18.3818, 14.5215 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 15.7655, 18.3818, 14.5215

Background



This preview shows how black text looks on a background with the XYZ color 15.7655, 18.3818, 14.5215.



This preview shows how white text looks on a background with the XYZ color 15.7655, 18.3818,

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

15.7655, 18.3818, 14.5215

Protanopia

17.2403, 18.2556, 13.9243

Deuteranopia

18.5196, 18.2085, 14.8504



Tritanopia

17.4325, 18.3296, 23.0412

Trichromacy



Original Color

15.7655, 18.3818, 14.5215

Protanomaly

16.6668, 18.3079, 14.2106

Deuteranomaly

17.4139, 18.1547, 14.6430

Tritanomaly

16.7374, 18.2280, 19.4658

Monochromacy



Original Color

15.7655, 18.3818, 14.5215

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3507, 17.8968, 17.3445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7655, 18.3818, 14.5215 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, 123, 99)` looks like.

```
.text, #text, p{  
    color:rgb(110, 123, 99)  
}
```

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, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 123, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.7655, 18.3818, 14.5215 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, 123, 99) }
```


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

```
.border{ border-color:rgb(110, 123, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 123, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(110, 123,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7655, 18.3818, 14.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 123, 99) }
```

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

```
.background{ background-color: rgb(110,  
123, 99) }
```

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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