

Converting Colors

XYZ(15.8649, 18.9033, 18.7321)

Have a look what the booklet for
XYZ(15.8649, 18.9033, 18.7321)
contains.

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Color

**XYZ(15.8649, 18.9033,
18.7321)**

Conversions

Conversions Part 1

Format	Color
Hex	657E72
RGB	101, 126, 114
RGB Percent	40%, 49%, 45%
CMY	0.6039, 0.5059, 0.5529
CMYK	0.20, 0.00, 0.10, 0.51
HSL	151°, 11%, 45%
HSV	151°, 20%, 49%
XYZ	15.8649, 18.9033, 18.7321
YIQ	117.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

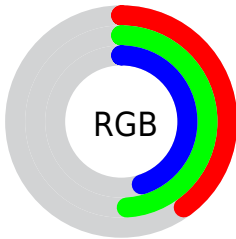
Format	Color
RYB	101, 117, 126
Decimal	6651506
CIELab	50.57, -11.66, 3.55
CIElCh	51, 12.186, 163.072
Yxy	18.9033, 0.2965, 0.3533
Android (android.graphics.Color)	4284841586 (0xFF657E72)
YUV	117.1570, -1.5564, -14.1697
Hunter-Lab	43.4779, -10.9525, 4.8899

Details

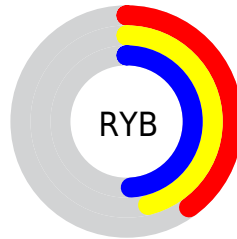
The XYZ color **15.8649, 18.9033, 18.7321** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2391, 14.9356, 17.6505**, and the grayscale version is **16.9647, 17.8482, 19.4367**.

A 20% lighter version of the original color is **35.9519, 41.6688, 42.2244**, and **5.1586, 6.4854, 6.1342** is the 20% darker color. If you saturate the color by 10%, you get **14.2280, 18.0984, 16.9175**, and if you desaturate by 10%, it is **17.7420, 19.8304, 20.6776**.

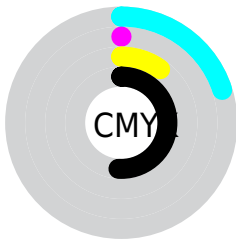
Distribution



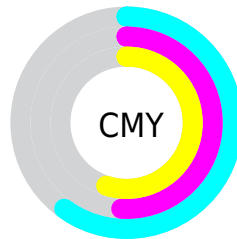
- Red (40%)
- Green (49%)
- Blue (45%)



- Red (40%)
- Yellow (46%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8649, 18.9033, 18.7321 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 15.8649, 18.9033, 18.7321 by changing the saturation by 10% instead.

■ 15.8649, 18.9033,
18.7321

■ 15.8649, 18.9033,
18.7321

221.8293,
245.9144, 257.3390

■ 9.5188, 11.6004,
11.3020

■ 35.9228, 41.5706,
42.1116

■ 5.1409, 6.4722,
6.1536

■ 50.3655, 57.7039,
58.8980

■ 2.3658, 3.1343,
2.8684

■ 68.2376, 77.5494,
79.6404

■ 0.8280, 1.2022,
1.0279

■ 89.9047, 101.4915,
104.7571

■ 0.0000, 0.0635,
0.0000

115.7321,
129.9147, 134.6668

■ 0.0000, 0.0000,
0.0000

146.0850,

163.2033, 169.7880

181.3290,
201.7417, 210.5392

■ 15.8649, 18.9033,
18.7321

■ 15.8649, 18.9033,
18.7321

■ 14.2280, 18.0984,
16.9175

■ 17.7420, 19.8304,
20.6776

■ 12.8193, 17.4082,
15.2298

■ 19.8673, 20.8822,
22.7554

■ 11.6286, 16.8276,
13.6666

■ 22.2505, 22.0643,
24.9685

■ 10.6436, 16.3508,
12.2248

■ 24.9000, 23.3809,
27.3195

■ 9.8513, 15.9708,
10.9014

■ 27.8242, 24.8362,
29.8107

■ 9.2368, 15.6801,
9.6930

■ 31.0308, 26.4343,
32.4445

■ 8.7829, 15.4699,
8.5962

■ 34.5274, 28.1790,
35.2233

■ 8.4357, 15.3125,
7.6056

■ 38.3213, 30.0740,
38.1493

■ 8.4304, 15.3101,
7.5908

■ 42.4193, 32.1228,
41.2246

Harmonies

Analogous

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



16.4487, 18.9033, 16.1554



15.8649, 18.9033, 18.7321



15.8282, 18.9033, 22.1012

Triad

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



15.8649, 18.9033, 18.7321



18.4898, 18.9033, 27.6515



19.6916, 18.9033, 16.4222

Complementary

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



15.8649, 18.9033, 18.7321



16.2391, 14.9356, 17.6505

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.



20.2903, 18.9033, 19.1350



15.8649, 18.9033, 18.7321



19.5760, 18.9033, 25.7524

Square

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



15.8649, 18.9033, 18.7321



17.3087, 18.9033, 27.5127



20.2471, 18.9033, 22.5509



18.6418, 18.9033, 14.9263

Rectangle

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



15.8649, 18.9033, 18.7321



16.1163, 18.9033, 24.3712



20.2471, 18.9033, 22.5509



19.9543, 18.9033, 17.2083

Sweetspot

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



15.8654, 18.9041, 18.7325



32.5614, 35.5634, 37.7219



16.6312, 19.3784, 15.1759



7.3649, 8.0688, 8.5393



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.



15.8654, 18.9041, 18.7325



26.5141, 32.5787, 31.4362



16.5410, 19.0892, 22.5524



4.3621, 4.8532, 5.0780



8.6462, 15.7051, 7.7758



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2391, 14.9356, 17.6505



27.3023, 24.2091, 29.1545



15.6479, 14.7640, 14.3371



4.4070, 4.3760, 4.9479



9.6749, 4.8896, 4.8777



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8649, 18.9033, 18.7321 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 15.8649, 18.9033, 18.7321 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

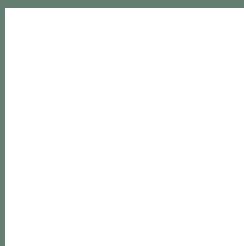
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8649, 18.9033, 18.7321

Background



This preview shows how black text looks on a background with the XYZ color 15.8649, 18.9033, 18.7321.



This preview shows how white text looks on a background with the XYZ color 15.8649, 18.9033,

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

15.8649, 18.9033, 18.7321

Protanopia

17.8979, 18.8657, 17.7371

Deuteranopia

19.0706, 18.7383, 19.1347



Tritanopia

17.1423, 18.8626, 24.9277

Trichromacy



Original Color

15.8649, 18.9033, 18.7321

Protanomaly

17.0866, 18.8019, 18.0578

Deuteranomaly

17.6961, 18.7357, 18.9033

Tritanomaly

16.6825, 18.8647, 22.5007

Monochromacy



Original Color

15.8649, 18.9033, 18.7321

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4244, 18.0734, 19.1459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8649, 18.9033, 18.7321 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(101, 126, 114)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 114)  
}
```

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(101, 126, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.8649, 18.9033, 18.7321 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(101, 126, 114) }
```


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

```
.border{ border-color:rgb(101, 126, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8649, 18.9033, 18.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 114) }
```

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

```
.background{ background-color: rgb(101,  
126, 114) }
```

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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