

Converting Colors

XYZ(15.3681, 18.8062, 15.7018)

Have a look what the booklet for
XYZ(15.3681, 18.8062, 15.7018)
contains.

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Color

**XYZ(15.2759, 18.6677,
15.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	657E67
RGB	101, 126, 103
RGB Percent	40%, 49%, 40%
CMY	0.6039, 0.5059, 0.5961
CMYK	0.20, 0.00, 0.18, 0.51
HSL	125°, 11%, 45%
HSV	125°, 20%, 49%
XYZ	15.2759, 18.6677, 15.6301
YIQ	115.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

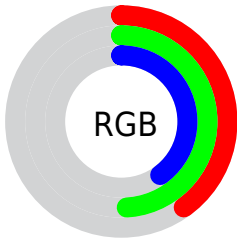
Format	Color
RYB	101, 124, 126
Decimal	6651495
CIELab	50.30, -13.91, 9.58
CIElCh	50, 16.893, 145.437
Yxy	18.6677, 0.3081, 0.3766
Android (android.graphics.Color)	4284841575 (0xFF657E67)
YUV	115.9030, -6.3612, -13.0699
Hunter-Lab	43.2061, -12.5005, 8.7958

Details

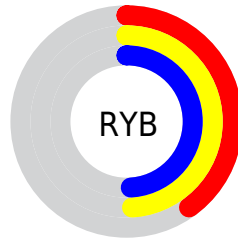
The XYZ color **15.2759, 18.6677, 15.6301** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8966, 15.1987, 21.1127**, and the grayscale version is **16.5917, 17.4558, 19.0093**.

A 20% lighter version of the original color is **34.9017, 41.2487, 36.6941**, and **4.8890, 6.3775, 4.7147** is the 20% darker color. If you saturate the color by 10%, you get **13.4298, 17.7792, 12.7142**, and if you desaturate by 10%, it is **17.4201, 19.7016, 18.9819**.

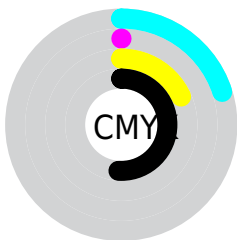
Distribution



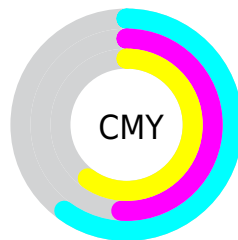
- Red (40%)
- Green (49%)
- Blue (40%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2759, 18.6677, 15.6301 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 15.2759, 18.6677, 15.6301 by changing the saturation by 10% instead.

■ 15.2759, 18.6677,
15.6301

■ 15.2759, 18.6677,
15.6301

218.3856,
244.6081, 238.9197

■ 9.1008, 11.4304,
9.1113

■ 34.9042, 41.1718,
36.7126

■ 4.8646, 6.3571,
4.7160

■ 49.0881, 57.2075,
52.1135

■ 2.2020, 3.0634,
2.0258

■ 66.6723, 76.9447,
71.3120

■ 0.7438, 1.1649,
0.5711

■ 88.0222, 100.7678,
94.7268

■ 0.0000, 0.0328,
0.0000

113.5031,
129.0614, 122.7765

■ 0.0000, 0.0000,
0.0000

143.4804,

162.2097, 155.8795

178.3194,
200.5971, 194.4544

■ 15.2759, 18.6677,
15.6301

■ 15.2759, 18.6677,
15.6301

■ 13.4298, 17.7792,
12.7142

■ 17.4201, 19.7016,
18.9819

■ 11.8671, 17.0273,
10.2151

■ 19.8731, 20.8846,
22.7852

■ 10.5742, 16.4059,
8.1142

■ 22.6470, 22.2229,
27.0564

■ 9.5358, 15.9076,
6.3909

■ 25.7529, 23.7221,
31.8105

■ 8.7350, 15.5243,
5.0228

■ 29.2013, 25.3871,
37.0620

■ 8.1529, 15.2466,
3.9851

■ 33.0021, 27.2229,
42.8247

■ 7.7677, 15.0639,
3.2500

■ 37.1650, 29.2341,
49.1121

■ 7.5199, 14.9462,
2.7833

■ 41.6993, 31.4252,
55.9369

■ 7.5164, 14.9445,
2.7779

■ 46.6138, 33.8006,
63.3114

Harmonies

Analogous

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



16.4256, 18.6677, 13.2256



15.2759, 18.6677, 15.6301



14.7876, 18.6677, 19.6174

Triad

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



15.2759, 18.6677, 15.6301



17.4939, 18.6677, 30.6976



20.7391, 18.6677, 16.6957

Complementary

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



15.2759, 18.6677, 15.6301



16.8966, 15.1987, 21.1127

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.



21.0683, 18.6677, 21.0514



15.2759, 18.6677, 15.6301



19.1292, 18.6677, 29.5986

Square

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



15.2759, 18.6677, 15.6301



16.0171, 18.6677, 28.6871



20.4626, 18.6677, 25.8791



19.5888, 18.6677, 13.7712

Rectangle

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



15.2759, 18.6677, 15.6301



14.8795, 18.6677, 22.8203



20.4626, 18.6677, 25.8791



20.9524, 18.6677, 18.0203

Sweetspot

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



15.2764, 18.6685, 15.6305



32.1954, 35.4170, 35.7948



18.1711, 20.1722, 15.2481



7.2754, 8.0330, 8.0676



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.



15.2764, 18.6685, 15.6305



25.2911, 32.0896, 24.9962



15.9324, 18.9309, 19.0849



4.2889, 4.8239, 4.6927



7.7100, 15.3306, 2.8457



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8966, 15.1987, 21.1127



28.7079, 24.7714, 36.5565



16.1738, 14.9096, 17.3065



4.4838, 4.4067, 5.3521



12.0556, 5.8419, 17.4144



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2759, 18.6677, 15.6301 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 15.2759, 18.6677, 15.6301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

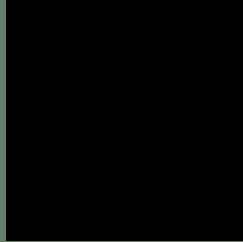
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2759, 18.6677, 15.6301

Background



This preview shows how black text looks on a background with the XYZ color 15.2759, 18.6677, 15.6301.



This preview shows how white text looks on a background with the XYZ color 15.2759, 18.6677,

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

15.2759, 18.6677, 15.6301

Protanopia

17.5013, 18.5494, 14.7146

Deuteranopia

18.8339, 18.5156, 15.9458



Tritanopia

17.0682, 18.6492, 24.5299

Trichromacy



Original Color

15.2759, 18.6677, 15.6301

Protanomaly

16.6446, 18.6406, 15.0326

Deuteranomaly

17.2639, 18.4041, 15.7391

Tritanomaly

16.2431, 18.4895, 20.8019

Monochromacy



Original Color

15.2759, 18.6677, 15.6301

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1413, 17.9601, 17.6548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2759, 18.6677, 15.6301 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.2759, 18.6677, 15.6301 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, 103) }
```


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

```
.border{ border-color:rgb(101, 126, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 126, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 126, 103); box-shadow:4px 4px 4px 4px rgb(101, 126, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2759, 18.6677, 15.6301 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, 103) }
```

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

```
.background{ background-color: rgb(101,  
126, 103) }
```

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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