

Converting Colors

XYZ(14.6622, 17.7630, 15.2825)

Have a look what the booklet for
XYZ(14.6622, 17.7630, 15.2825)
contains.

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Color

**XYZ(14.6268, 17.7779,
15.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	637B66
RGB	99, 123, 102
RGB Percent	39%, 48%, 40%
CMY	0.6118, 0.5176, 0.6000
CMYK	0.20, 0.00, 0.17, 0.52
HSL	128°, 11%, 44%
HSV	128°, 20%, 48%
XYZ	14.6268, 17.7779, 15.2309
YIQ	113.4300, -7.5630, -11.6190

Conversions

Conversions Part 2

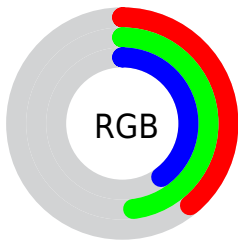
Format	Color
RYB	99, 120, 123
Decimal	6519654
CIELab	49.23, -13.20, 8.64
CIElCh	49, 15.777, 146.809
Yxy	17.7779, 0.3071, 0.3732
Android (android.graphics.Color)	4284709734 (0xFF637B66)
YUV	113.4300, -5.6350, -12.6551
Hunter-Lab	42.1638, -11.8644, 8.0973

Details

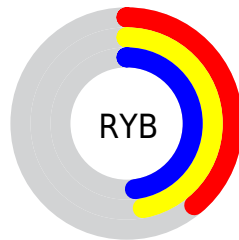
The XYZ color **14.6268, 17.7779, 15.2309** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0210, 14.4911, 19.7227**, and the grayscale version is **15.8421, 16.6671, 18.1505**.

A 20% lighter version of the original color is **33.8528, 39.8346, 36.0416**, and **4.5545, 5.9035, 4.5139** is the 20% darker color. If you saturate the color by 10%, you get **12.8845, 16.9379, 12.5418**, and if you desaturate by 10%, it is **16.6441, 18.7526, 18.2955**.

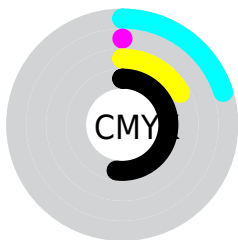
Distribution



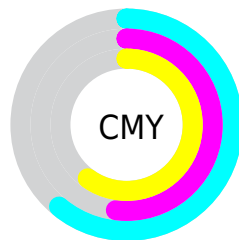
- Red (39%)
- Green (48%)
- Blue (40%)



- Red (39%)
- Yellow (47%)
- Blue (48%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6268, 17.7779, 15.2309 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 14.6268, 17.7779, 15.2309 by changing the saturation by 10% instead.

■ 14.6268, 17.7779,
15.2309

■ 14.6268, 17.7779,
15.2309

214.5296,
239.6162, 236.4483

■ 8.6425, 10.7906,
8.8332

■ 33.7742, 39.6585,
36.0058

■ 4.5640, 5.9262,
4.5372

■ 47.6680, 55.3207,
51.2200

■ 2.0259, 2.8003,
1.9244

■ 64.9290, 74.6432,
70.2101

■ 0.6484, 1.0284,
0.5082

■ 85.9226, 98.0106,
93.3947

■ 0.0000, 0.0000,
0.0000

111.0140,
125.8072, 121.1922

140.5688,

158.4174, 154.0213

174.9522,
196.2256, 192.3005

■ 14.6268, 17.7779,
15.2309

■ 14.6268, 17.7779,
15.2309

■ 12.8845, 16.9379,
12.5418

■ 16.6441, 18.7526,
18.2955

■ 11.4039, 16.2247,
10.2125

■ 18.9461, 19.8653,
21.7479

■ 10.1726, 15.6326,
8.2282

■ 21.5439, 21.1219,
25.6015

■ 9.1770, 15.1549,
6.5724

■ 24.4474, 22.5273,
29.8686

■ 8.4017, 14.7842,
5.2275

■ 27.6661, 24.0861,
34.5610

■ 7.8298, 14.5121,
4.1739

■ 31.2092, 25.8028,
39.6900

■ 7.4418, 14.3290,
3.3901

■ 35.0854, 27.6816,
45.2666

■ 7.1836, 14.2076,
2.8500

■ 39.3030, 29.7267,
51.3011

■ 7.1723, 14.2022,
2.8294

■ 43.8703, 31.9420,
57.8039

Harmonies

Analogous

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



15.6465, 17.7779, 12.9582



14.6268, 17.7779, 15.2309



14.2132, 17.7779, 18.9071

Triad

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



14.6268, 17.7779, 15.2309



16.7395, 17.7779, 28.6842



19.5656, 17.7779, 15.9102

Complementary

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



14.6268, 17.7779, 15.2309



16.0210, 14.4911, 19.7227

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.



19.8998, 17.7779, 19.8142



14.6268, 17.7779, 15.2309



18.2131, 17.7779, 27.5770

Square

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



14.6268, 17.7779, 15.2309



15.3874, 17.7779, 27.0068



19.3915, 17.7779, 24.1684



18.5030, 17.7779, 13.3084

Rectangle

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



14.6268, 17.7779, 15.2309



14.3178, 17.7779, 21.8100



19.3915, 17.7779, 24.1684



19.7695, 17.7779, 17.0954

Sweetspot

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



14.6273, 17.7787, 15.2313



31.1335, 34.2220, 34.7632



17.1093, 19.0751, 14.5846



7.2844, 8.0366, 8.1150



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.



14.6273, 17.7787, 15.2313



24.8701, 31.1973, 25.2434



15.2550, 18.0297, 18.5366



3.9694, 4.4574, 4.3727



7.4180, 14.6909, 2.9201



35.2066, 70.0057, 12.9921

Inverse Universe

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



16.0210, 14.4911, 19.7227



27.8011, 24.2825, 34.6880



15.3482, 14.2219, 16.1798



4.1340, 4.0693, 4.9031



11.2283, 5.4675, 15.0249



53.3448, 25.9943, 70.5370

Previews

White Background



This preview shows how the XYZ color 14.6268, 17.7779, 15.2309 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 14.6268, 17.7779, 15.2309 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

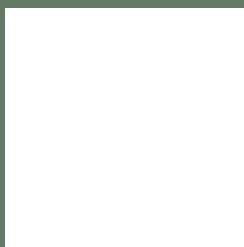
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6268, 17.7779, 15.2309

Background



This preview shows how black text looks on a background with the XYZ color 14.6268, 17.7779, 15.2309.

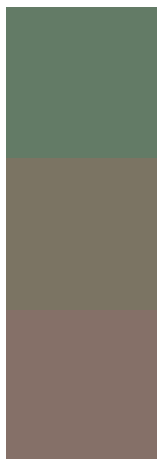


This preview shows how white text looks on a background with the XYZ color 14.6268, 17.7779,

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

14.6268, 17.7779, 15.2309

Protanopia

16.6659, 17.6026, 14.3236

Deuteranopia

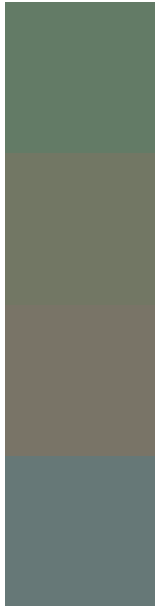
17.9657, 17.5744, 15.5420



Tritanopia

16.2682, 17.7217, 23.3321

Trichromacy



Original Color

14.6268, 17.7779, 15.2309

Protanomaly

15.8365, 17.6912, 14.6367

Deuteranomaly

16.5787, 17.5350, 15.3428

Tritanomaly

15.5257, 17.5896, 20.0296

Monochromacy



Original Color

14.6268, 17.7779, 15.2309

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3059, 17.0149, 16.9455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6268, 17.7779, 15.2309 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(99, 123, 102) looks like.

```
.text, #text, p{  
    color:rgb(99, 123, 102)  
}
```

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(99, 123, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 123, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.6268, 17.7779, 15.2309 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(99, 123, 102) }
```


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

```
.border{ border-color:rgb(99, 123, 102) }
```

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

Here you see how a box with a 4 pixel rgb(99, 123, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(99, 123,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6268, 17.7779, 15.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 123, 102) }
```

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

```
.background{ background-color: rgb(99, 123,  
102) }
```

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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