

Converting Colors

XYZ(15.1985, 17.2846, 16.8695)

Have a look what the booklet for
XYZ(15.1985, 17.2846, 16.8695)
contains.

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Color

**XYZ(15.3010, 17.3619,
17.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	6A776D
RGB	106, 119, 109
RGB Percent	42%, 47%, 43%
CMY	0.5843, 0.5333, 0.5725
CMYK	0.11, 0.00, 0.08, 0.53
HSL	134°, 6%, 44%
HSV	134°, 11%, 47%
XYZ	15.3010, 17.3619, 17.0127
YIQ	113.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

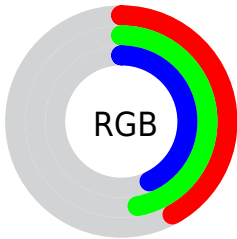
Format	Color
RYB	106, 117, 119
Decimal	6977389
CIELab	48.71, -6.94, 3.85
CIELCh	49, 7.936, 150.956
Yxy	17.3619, 0.3080, 0.3495
Android (android.graphics.Color)	4285167469 (0xFF6A776D)
YUV	113.9730, -2.4517, -6.9923
Hunter-Lab	41.6676, -7.3703, 4.9595

Details

The XYZ color **15.3010, 17.3619, 17.0127** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9148, 15.4914, 18.6752**, and the grayscale version is **15.9946, 16.8275, 18.3252**.

A 20% lighter version of the original color is **34.8127, 38.8320, 38.9182**, and **4.9264, 5.7841, 5.4142** is the 20% darker color. If you saturate the color by 10%, you get **13.5164, 16.4964, 14.4893**, and if you desaturate by 10%, it is **17.3342, 18.3506, 19.8164**.

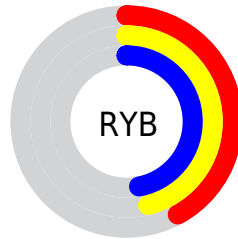
Distribution



Red (42%)

Green (47%)

Blue (43%)



Red (42%)

Yellow (46%)

Blue (47%)

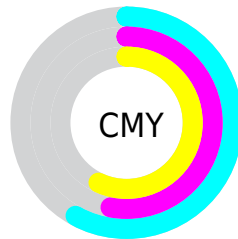


Cyan (11%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3010, 17.3619, 17.0127 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 15.3010, 17.3619, 17.0127 by changing the saturation by 10% instead.

■ 15.3010, 17.3619,
17.0127

■ 15.3010, 17.3619,
17.0127

218.5334,
237.2494, 247.2920

■ 9.1186, 10.4929,
10.0815

■ 34.9477, 38.9470,
39.1386

■ 4.8763, 5.7269,
5.3467

■ 49.1427, 54.4318,
55.1703

■ 2.2089, 2.6798,
2.3898

■ 66.7393, 73.5573,
75.0726

■ 0.7474, 0.9669,
0.7809

■ 88.1028, 96.7079,
99.2641

■ 0.0000, 0.0000,
0.0000

113.5986,
124.2680, 128.1632

143.5921,

156.6221, 162.1885

178.4485,
194.1544, 201.7586

■ 15.3010, 17.3619,
17.0127

■ 15.3010, 17.3619,
17.0127

■ 13.5164, 16.4964,
14.4893

■ 17.3342, 18.3506,
19.8164

■ 11.9693, 15.7471,
12.2366

■ 19.6237, 19.4648,
22.9076

■ 10.6501, 15.1097,
10.2457

■ 22.1784, 20.7095,
26.2945

■ 9.5476, 14.5787,
8.5073

■ 25.0067, 22.0888,
29.9847

■ 8.6501, 14.1482,
7.0110

■ 28.1163, 23.6065,
33.9855

■ 7.9443, 13.8116,
5.7462

■ 31.5148, 25.2665,
38.3040

■ 7.4157, 13.5617,
4.7012

■ 35.2095, 27.0722,
42.9471

■ 7.0473, 13.3900,
3.8633

■ 39.2073, 29.0272,
47.9213

■ 6.8003, 13.2755,
3.2688

■ 43.5149, 31.1347,
53.2330

Harmonies

Analogous

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



15.7880, 17.3619, 15.6517



15.3010, 17.3619, 17.0127



15.1334, 17.3619, 18.9715

Triad

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



15.3010, 17.3619, 17.0127



16.5255, 17.3619, 23.2309



17.7395, 17.3619, 16.9043

Complementary

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



15.3010, 17.3619, 17.0127



15.9148, 15.4914, 18.6752

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.



17.9507, 17.3619, 18.8369



15.3010, 17.3619, 17.0127



17.2371, 17.3619, 22.5786

Square

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



15.3010, 17.3619, 17.0127



15.8276, 17.3619, 22.6544



17.7642, 17.3619, 20.9309



17.1952, 17.3619, 15.5924

Rectangle

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



15.3010, 17.3619, 17.0127



15.2213, 17.3619, 20.3838



17.7642, 17.3619, 20.9309



17.8525, 17.3619, 17.4979

Sweetspot

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



15.3015, 17.3626, 17.0131



30.2182, 32.4600, 34.3614



16.4259, 17.9606, 16.2370



7.0973, 7.6615, 8.0553



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.



15.3015, 17.3626, 17.0131



26.5909, 30.6976, 29.3324



15.6540, 17.5037, 18.8695



3.6721, 4.1108, 4.1070



7.2212, 14.1025, 3.4552



34.9096, 68.6111, 15.3607

Inverse Universe

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



15.9148, 15.4914, 18.6752



27.9098, 26.6735, 32.9065



15.5596, 15.3494, 16.8047



3.7922, 3.7442, 4.4327



10.1104, 4.9779, 11.0553



48.9299, 24.1221, 52.0875

Previews

White Background



This preview shows how the XYZ color 15.3010, 17.3619, 17.0127 looks on a white background.

Color Contrast Check

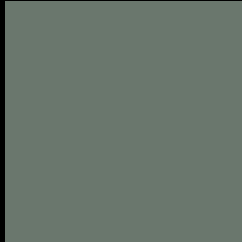
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3010, 17.3619, 17.0127 looks on a black 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

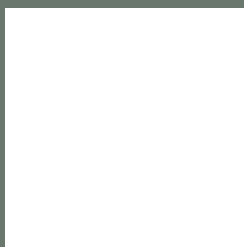
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3010, 17.3619, 17.0127

Background



This preview shows how black text looks on a background with the XYZ color 15.3010, 17.3619, 17.0127.



This preview shows how white text looks on a background with the XYZ color 15.3010, 17.3619,

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

15.3010, 17.3619, 17.0127

Protanopia

16.5303, 17.3161, 16.3810

Deuteranopia

17.6619, 17.3813, 17.1759



Tritanopia

16.4339, 17.4801, 22.2465

Trichromacy



Original Color

15.3010, 17.3619, 17.0127

Protanomaly

16.0224, 17.2183, 16.6664

Deuteranomaly

16.8304, 17.4522, 17.2334

Tritanomaly

16.0529, 17.5011, 20.3013

Monochromacy



Original Color

15.3010, 17.3619, 17.0127

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7256, 17.0401, 17.7895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3010, 17.3619, 17.0127 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(106, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 119, 109)  
}
```

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(106, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.3010, 17.3619, 17.0127 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(106, 119, 109) }
```


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

```
.border{ border-color:rgb(106, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3010, 17.3619, 17.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 119, 109) }
```

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

```
.background{ background-color: rgb(106,  
119, 109) }
```

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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