

Converting Colors

XYZ(16.0971, 17.6983, 17.7909)

Have a look what the booklet for
XYZ(16.0971, 17.6983, 17.7909)
contains.

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Color

**XYZ(16.2035, 17.8082,
17.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	707770
RGB	112, 119, 112
RGB Percent	44%, 47%, 44%
CMY	0.5608, 0.5333, 0.5608
CMYK	0.06, 0.00, 0.06, 0.53
HSL	120°, 3%, 45%
HSV	120°, 6%, 47%
XYZ	16.2035, 17.8082, 17.9126
YIQ	116.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

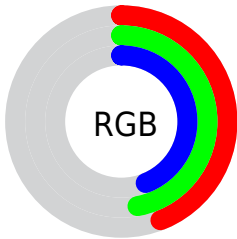
Format	Color
R_{YB}	112, 119, 119
Decimal	7370608
CIE _{Lab}	49.26, -4.06, 2.93
CIE _{LCh}	49, 5.011, 144.159
Yxy	17.8082, 0.3121, 0.3430
Android (android.graphics.Color)	4285560688 (0xFF707770)
YUV	116.1090, -2.0257, -3.6036
Hunter-Lab	42.1998, -5.3107, 4.3729

Details

The XYZ color **16.2035, 17.8082, 17.9126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7322, 16.8425, 19.8225**, and the grayscale version is **16.6407, 17.5073, 19.0654**.

A 20% lighter version of the original color is **36.5736, 39.6987, 40.8569**, and **5.2930, 5.9666, 5.7232** is the 20% darker color. If you saturate the color by 10%, you get **14.1690, 16.8314, 14.5845**, and if you desaturate by 10%, it is **18.5268, 18.9247, 21.7121**.

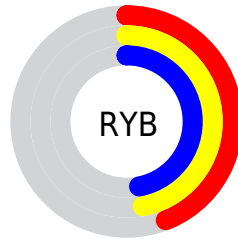
Distribution



Red (44%)

Green (47%)

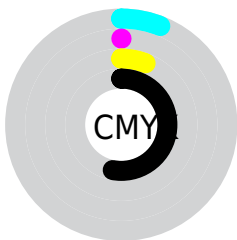
Blue (44%)



Red (44%)

Yellow (47%)

Blue (47%)

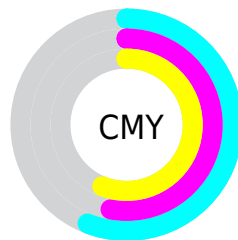


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2035, 17.8082, 17.9126 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 16.2035, 17.8082, 17.9126 by changing the saturation by 10% instead.

■ 16.2035, 17.8082,
17.9126

■ 16.2035, 17.8082,
17.9126

223.7864,
239.7877, 252.5975

■ 9.7600, 10.8124,
10.7185

■ 36.5057, 39.7102,
40.7003

■ 5.3012, 5.9408,
5.7661

■ 51.0952, 55.3852,
57.1309

■ 2.4616, 2.8091,
2.6369

■ 69.1307, 74.7221,
77.4774

■ 0.8759, 1.0329,
0.9114

■ 90.9776, 98.1051,
102.1584

■ 0.0000, 0.0000,
0.0000

117.0013,
125.9189, 131.5923

147.5671,

158.5476, 166.1978

183.0403,
196.3758, 206.3933

■ 16.2035, 17.8082,
17.9126

■ 16.2035, 17.8082,
17.9126

■ 14.1690, 16.8314,
14.5845

■ 18.5268, 18.9247,
21.7121

■ 12.4105, 15.9867,
11.7083

■ 21.1479, 20.1838,
25.9991

■ 10.9166, 15.2692,
9.2648

■ 24.0774, 21.5910,
30.7905

■ 9.6745, 14.6725,
7.2332

■ 27.3248, 23.1509,
36.1019

■ 8.6704, 14.1902,
5.5908

■ 30.8994, 24.8680,
41.9483

■ 7.8891, 13.8149,
4.3127

■ 34.8099, 26.7464,
48.3440

■ 7.3135, 13.5384,
3.3712

■ 39.0648, 28.7902,
55.3030

■ 6.9244, 13.3515,
2.7346

■ 43.6722, 31.0034,
62.8386

■ 6.6854, 13.2367,
2.3435

■ 48.6400, 33.3897,
70.9636

Harmonies

Analogous

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



16.5587, 17.8082, 17.1214



16.2035, 17.8082, 17.9126



16.0422, 17.8082, 19.1277

Triad

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



16.2035, 17.8082, 17.9126



16.8343, 17.8082, 22.0828



17.7649, 17.8082, 18.3492

Complementary

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



16.2035, 17.8082, 17.9126



16.7322, 16.8425, 19.8225

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.



17.8420, 17.8082, 19.6549



16.2035, 17.8082, 17.9126



17.2990, 17.8082, 21.8508

Square

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



16.2035, 17.8082, 17.9126



16.4021, 17.8082, 21.5666



17.6700, 17.8082, 20.9467



17.4613, 17.8082, 17.3652

Rectangle

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



16.2035, 17.8082, 17.9126



16.0642, 17.8082, 20.0307



17.6700, 17.8082, 20.9467



17.8184, 17.8082, 18.7633

Sweetspot

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



16.2040, 17.8090, 17.9130



30.5479, 32.6254, 34.5820



17.1299, 18.2863, 17.9561



7.2543, 7.7390, 8.2198



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.



16.2040, 17.8090, 17.9130



28.5154, 31.6492, 31.2578



16.4028, 17.8885, 18.9597



3.7300, 4.1411, 4.0876



7.0088, 14.0175, 2.3366



34.1547, 68.3091, 11.3855

Inverse Universe

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



16.7322, 16.8425, 19.8225



29.6597, 29.5557, 35.3942



16.5258, 16.7600, 18.7354



3.8805, 3.8657, 4.6318



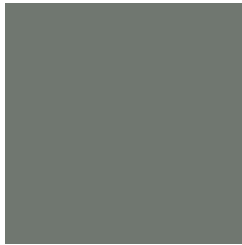
11.6198, 5.5816, 19.0037



56.6244, 27.1999, 92.6064

Previews

White Background



This preview shows how the XYZ color 16.2035, 17.8082, 17.9126 looks on a white background.

Color Contrast Check

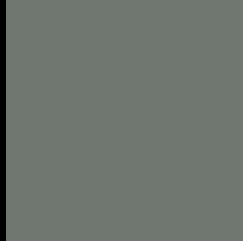
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2035, 17.8082, 17.9126 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

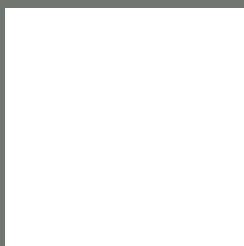
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2035, 17.8082, 17.9126

Background



This preview shows how black text looks on a background with the XYZ color 16.2035, 17.8082, 17.9126.



This preview shows how white text looks on a background with the XYZ color 16.2035, 17.8082,

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

16.2035, 17.8082, 17.9126

Protanopia

16.9998, 17.7034, 17.5600

Deuteranopia

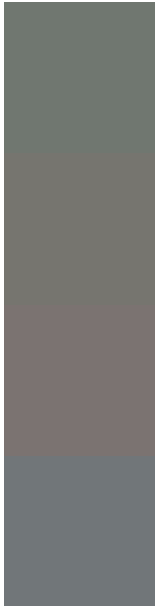
18.0917, 17.7483, 18.0950



Tritanopia

17.0666, 17.8063, 22.2761

Trichromacy



Original Color

16.2035, 17.8082, 17.9126

Protanomaly

16.7017, 17.7218, 17.5793

Deuteranomaly

17.2797, 17.6647, 18.1217

Tritanomaly

16.7397, 17.8481, 20.6519

Monochromacy



Original Color

16.2035, 17.8082, 17.9126

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5260, 17.6052, 18.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2035, 17.8082, 17.9126 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(112, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 119, 112)  
}
```

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(112, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 119, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.2035, 17.8082, 17.9126 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(112, 119, 112) }
```


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

```
.border{ border-color:rgb(112, 119, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 119, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 119, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 119,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2035, 17.8082, 17.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 119, 112) }
```

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

```
.background{ background-color: rgb(112,  
119, 112) }
```

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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