

Converting Colors

XYZ(16.8412, 17.7321, 18.7384)

Have a look what the booklet for
XYZ(16.8412, 17.7321, 18.7384)
contains.

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Color

**XYZ(16.9270, 17.8119,
18.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	767573
RGB	118, 117, 115
RGB Percent	46%, 46%, 45%
CMY	0.5373, 0.5412, 0.5490
CMYK	0.00, 0.01, 0.03, 0.54
HSL	40°, 1%, 46%
HSV	40°, 3%, 46%
XYZ	16.9270, 17.8119, 18.7656
YIQ	117.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

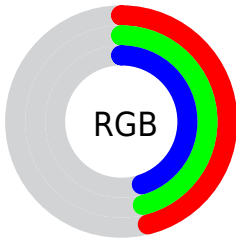
Format	Color
R_{YB}	117, 118, 115
Decimal	7763315
CIE Lab	49.27, -0.01, 1.23
CIE LCh	49, 1.229, 90.691
Yxy	17.8119, 0.3164, 0.3329
Android (android.graphics.Color)	4285953395 (0xFF767573)
YUV	117.0710, -1.0210, 0.8147
Hunter-Lab	42.2041, -2.2655, 3.1803

Details

The XYZ color **16.9270, 17.8119, 18.7656** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5857, 17.4435, 19.6325**, and the grayscale version is **16.9337, 17.8156, 19.4012**.

A 20% lighter version of the original color is **37.7406, 39.7120, 42.2353**, and **5.6670, 5.9636, 6.1626** is the 20% darker color. If you saturate the color by 10%, you get **15.8434, 16.6624, 15.2661**, and if you desaturate by 10%, it is **18.1178, 19.0360, 22.7302**.

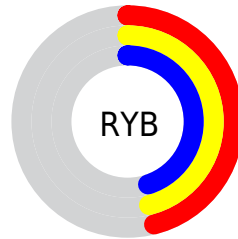
Distribution



Red (46%)

Green (46%)

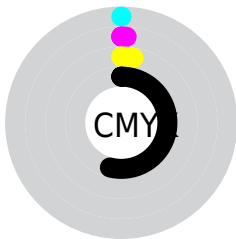
Blue (45%)



Red (46%)

Yellow (46%)

Blue (45%)

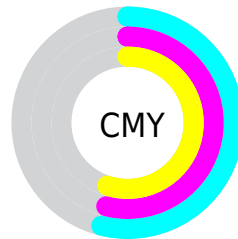


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9270, 17.8119, 18.7656 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 16.9270, 17.8119, 18.7656 by changing the saturation by 10% instead.

■ 16.9270, 17.8119,
18.7656

■ 16.9270, 17.8119,
18.7656

227.9158,
239.8087, 257.5311

■ 10.2774, 10.8150,
11.3259

■ 37.7448, 39.7165,
42.1691

■ 5.6470, 5.9426,
6.1696

■ 52.6438, 55.3931,
58.9699

■ 2.6702, 2.8102,
2.8780

■ 71.0233, 74.7317,
79.7283

■ 0.9819, 1.0335,
1.0327

■ 93.2486, 98.1167,
104.8626

■ 0.0000, 0.0000,
0.0000

119.6852,
125.9325, 134.7916

150.6983,

158.5635, 169.9336

186.6534,
196.3941, 210.7073

■ 16.9270, 17.8119,
18.7656

■ 16.9270, 17.8119,
18.7656

■ 15.8434, 16.6624,
15.2661

■ 18.1178, 19.0360,
22.7302

■ 14.8618, 15.5836,
12.2131

■ 19.4175, 20.3343,
27.1751

■ 13.9792, 14.5743,
9.5886

■ 20.8299, 21.7090,
32.1163

■ 13.1916, 13.6325,
7.3731

■ 22.3580, 23.1617,
37.5686

■ 12.4946, 12.7561,
5.5451

■ 24.0046, 24.6940,
43.5463

■ 11.8837, 11.9429,
4.0816

■ 25.7726, 26.3072,
50.0632

■ 11.3537, 11.1905,
2.9568

■ 27.6647, 28.0030,
57.1325

■ 10.8989, 10.4960,
2.1417

■ 29.6835, 29.7825,
64.7667

■ 10.5123, 9.8564,
1.6011

■ 31.8315, 31.6471,
72.9784

Harmonies

Analogous

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



17.0385, 17.8119, 18.8452



16.9270, 17.8119, 18.7656



16.8167, 17.8119, 18.8528

Triad

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



16.9270, 17.8119, 18.7656



16.7396, 17.8119, 19.7203



17.1239, 17.8119, 19.7069

Complementary

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



16.9270, 17.8119, 18.7656



16.5857, 17.4435, 19.6325

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.



17.0432, 17.8119, 19.9458



16.9270, 17.8119, 18.7656



16.8213, 17.8119, 19.9536

Square

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



16.9270, 17.8119, 18.7656



16.7088, 17.8119, 19.4018



16.9324, 17.8119, 20.0365



17.1525, 17.8119, 19.3865

Rectangle

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



16.9270, 17.8119, 18.7656



16.7586, 17.8119, 18.9943



16.9324, 17.8119, 20.0365



17.1019, 17.8119, 19.7995

Sweetspot

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



16.9275, 17.8127, 18.7660



30.0691, 31.6382, 34.0006



16.7546, 17.3743, 18.9938



6.9171, 7.2780, 7.8295



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.9275, 17.8127, 18.7660



29.6576, 31.2092, 32.6483



16.9767, 18.0116, 18.8018



4.0107, 4.2206, 4.3838



11.0762, 10.1536, 1.3761



53.1647, 47.8579, 6.4354

Inverse Universe

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



16.5857, 17.4435, 19.6325



28.9331, 30.4267, 34.4850



16.5372, 17.2486, 19.5975



3.8956, 4.0963, 4.6756



4.3209, 2.9815, 18.8903



20.3430, 13.1026, 91.8172

Previews

White Background



This preview shows how the XYZ color 16.9270, 17.8119, 18.7656 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 16.9270, 17.8119, 18.7656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

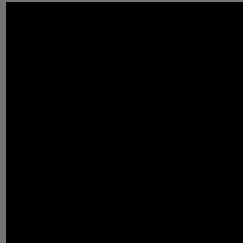
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9270, 17.8119, 18.7656

Background



This preview shows how black text looks on a background with the XYZ color 16.9270, 17.8119, 18.7656.



This preview shows how white text looks on a background with the XYZ color 16.9270, 17.8119,

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

16.9270, 17.8119, 18.7656

Protanopia

17.2015, 17.9535, 18.7784

Deuteranopia

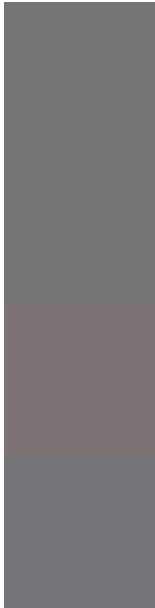
18.1108, 17.7383, 18.9923



Tritanopia

17.5548, 17.8934, 21.9306

Trichromacy



Original Color

16.9270, 17.8119, 18.7656

Protanomaly

17.0636, 17.8823, 18.7719

Deuteranomaly

17.6271, 17.6556, 19.0018

Tritanomaly

17.3043, 17.7932, 20.6116

Monochromacy



Original Color

16.9270, 17.8119, 18.7656

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8498, 17.7654, 19.0640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9270, 17.8119, 18.7656 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(118, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(118, 117, 115)  
}
```

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(118, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 117, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.9270, 17.8119, 18.7656 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(118, 117, 115) }
```


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

```
.border{ border-color:rgb(118, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(118, 117,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9270, 17.8119, 18.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 117, 115) }
```

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

```
.background{ background-color: rgb(118,  
117, 115) }
```

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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