

Converting Colors

XYZ(16.2573, 17.4921, 18.2560)

Have a look what the booklet for
XYZ(16.2573, 17.4921, 18.2560)
contains.

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Color

**XYZ(16.2814, 17.4922,
18.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	727571
RGB	114, 117, 113
RGB Percent	45%, 46%, 44%
CMY	0.5529, 0.5412, 0.5569
CMYK	0.03, 0.00, 0.03, 0.54
HSL	105°, 2%, 45%
HSV	105°, 3%, 46%
XYZ	16.2814, 17.4922, 18.1410
YIQ	115.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

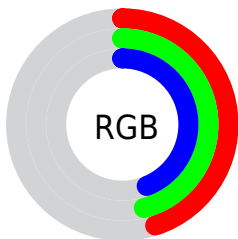
Format	Color
R _Y B	113, 117, 116
Decimal	7501169
CIE Lab	48.87, -1.94, 1.80
CIE LCh	49, 2.650, 137.200
Yxy	17.4922, 0.3136, 0.3369
Android (android.graphics.Color)	4285691249 (0xFF727571)
YUV	115.6470, -1.3050, -1.4444
Hunter-Lab	41.8237, -3.7038, 3.5596

Details

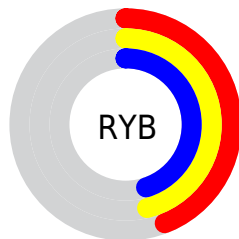
The XYZ color **16.2814, 17.4922, 18.1410** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3190, 16.8080, 19.2146**, and the grayscale version is **16.4969, 17.3560, 18.9007**.

A 20% lighter version of the original color is **36.7054, 39.1995, 41.2290**, and **5.3290, 5.7961, 5.8389** is the 20% darker color. If you saturate the color by 10%, you get **14.5777, 16.6857, 14.8416**, and if you desaturate by 10%, it is **18.1806, 18.3907, 21.8936**.

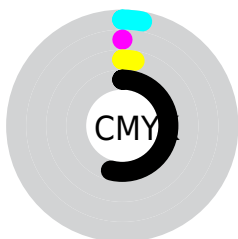
Distribution



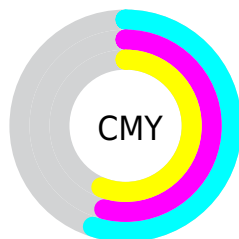
- Red (45%)
- Green (46%)
- Blue (44%)



- Red (44%)
- Yellow (46%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2814, 17.4922, 18.1410 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 16.2814, 17.4922, 18.1410 by changing the saturation by 10% instead.

■ 16.2814, 17.4922,
18.1410

■ 16.2814, 17.4922,
18.1410

224.2344,
237.9930, 253.9273

■ 9.8156, 10.5860,
10.8808

■ 36.6396, 39.1701,
41.0946

■ 5.3382, 5.7892,
5.8736

■ 51.2626, 54.7107,
57.6251

■ 2.4838, 2.7173,
2.7008

■ 69.3355, 73.8981,
78.0827

■ 0.8871, 0.9860,
0.9438

■ 91.2235, 97.1169,
102.8861

■ 0.0000, 0.0000,
0.0000

117.2921,
124.7514, 132.4537

147.9065,

157.1860, 167.2041

183.4322,
194.8051, 207.5558

■ 16.2814, 17.4922,
18.1410

■ 16.2814, 17.4922,
18.1410

■ 14.5777, 16.6857,
14.8416

■ 18.1806, 18.3907,
21.8936

■ 13.0616, 15.9659,
11.9772

■ 20.2798, 19.3816,
26.1146

■ 11.7271, 15.3308,
9.5300

■ 22.5852, 20.4683,
30.8196

■ 10.5672, 14.7769,
7.4805

■ 25.1023, 21.6534,
36.0234

■ 9.5742, 14.3011,
5.8076

■ 27.8364, 22.9391,
41.7401

■ 8.7402, 13.8994,
4.4885

■ 30.7925, 24.3280,
47.9831

■ 8.0563, 13.5681,
3.4975

■ 33.9757, 25.8222,
54.7656

■ 7.5128, 13.3027,
2.8058

■ 37.3907, 27.4239,
62.0999

■ 7.0978, 13.0979,
2.3751

■ 41.0422, 29.1352,
69.9984

Harmonies

Analogous

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



16.4864, 17.4922, 17.7819



16.2814, 17.4922, 18.1410



16.1691, 17.4922, 18.7477

Triad

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



16.2814, 17.4922, 18.1410



16.5213, 17.4922, 20.3968



17.0814, 17.4922, 18.6485

Complementary

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



16.2814, 17.4922, 18.1410



16.3190, 16.8080, 19.2146

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.



17.0910, 17.4922, 19.3475



16.2814, 17.4922, 18.1410



16.7660, 17.4922, 20.3687

Square

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



16.2814, 17.4922, 18.1410



16.3067, 17.4922, 20.0567



16.9750, 17.4922, 19.9807



16.9490, 17.4922, 18.0699

Rectangle

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



16.2814, 17.4922, 18.1410



16.1613, 17.4922, 19.2162



16.9750, 17.4922, 19.9807



17.0992, 17.4922, 18.8769

Sweetspot

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



16.2819, 17.4930, 18.1414



29.9367, 31.6933, 34.0183



16.5551, 17.4503, 18.1187



6.8890, 7.2897, 7.8332



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.



16.2819, 17.4930, 18.1414



28.9354, 31.2195, 32.0553



16.2053, 17.4474, 18.4137



3.9091, 4.2286, 4.3154



7.5620, 14.3027, 2.3621



36.1715, 69.3489, 11.4792

Inverse Universe

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



16.3190, 16.8080, 19.2146



29.0147, 29.7544, 34.3509



16.3981, 16.8551, 18.9331



3.9210, 4.0102, 4.6576



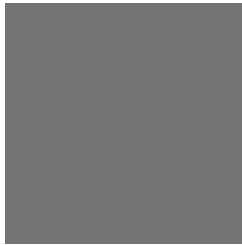
7.9310, 3.6799, 18.8349



37.8355, 17.5134, 91.7466

Previews

White Background



This preview shows how the XYZ color 16.2814, 17.4922, 18.1410 looks on a white background.

Color Contrast Check

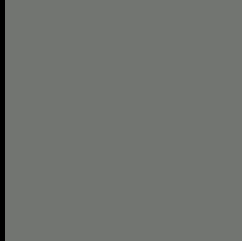
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2814, 17.4922, 18.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

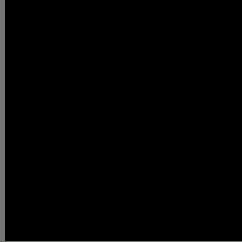
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

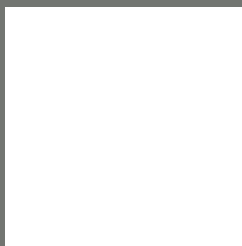
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2814, 17.4922, 18.1410

Background



This preview shows how black text looks on a background with the XYZ color 16.2814, 17.4922, 18.1410.



This preview shows how white text looks on a background with the XYZ color 16.2814, 17.4922,

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

16.2814, 17.4922, 18.1410

Protanopia

16.7778, 17.5826, 17.8387

Deuteranopia

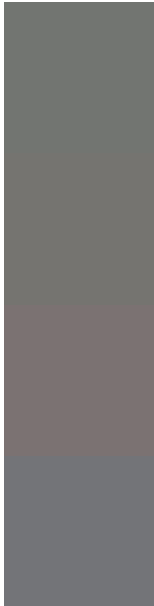
17.7335, 17.3924, 18.3420



Tritanopia

16.9713, 17.4297, 21.5386

Trichromacy



Original Color

16.2814, 17.4922, 18.1410

Protanomaly

16.5061, 17.4425, 17.8260

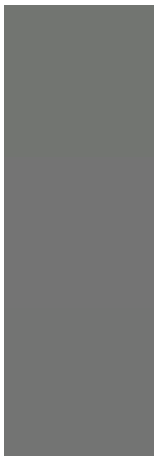
Deuteranomaly

17.2230, 17.4605, 18.3821

Tritanomaly

16.7058, 17.4917, 20.2650

Monochromacy



Original Color

16.2814, 17.4922, 18.1410

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4101, 17.3734, 18.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2814, 17.4922, 18.1410 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(114, 117, 113)` looks like.

```
.text, #text, p{  
    color:rgb(114, 117, 113)  
}
```

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(114, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 117, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.2814, 17.4922, 18.1410 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(114, 117, 113) }
```


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

```
.border{ border-color:rgb(114, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(114, 117,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2814, 17.4922, 18.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 117, 113) }
```

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

```
.background{ background-color: rgb(114,  
117, 113) }
```

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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