

Converting Colors

XYZ(16.5924, 17.9925, 22.0893)

Have a look what the booklet for
XYZ(16.5924, 17.9925, 22.0893)
contains.

XYZ(16.4828, 17.8625, 21.9811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4828, 17.8625,
21.9811)**

Conversions

Conversions Part 1

Format	Color
Hex	6C777D
RGB	108, 119, 125
RGB Percent	42%, 47%, 49%
CMY	0.5765, 0.5333, 0.5098
CMYK	0.14, 0.05, 0.00, 0.51
HSL	201°, 7%, 46%
HSV	201°, 14%, 49%
XYZ	16.4828, 17.8625, 21.9811
YIQ	116.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

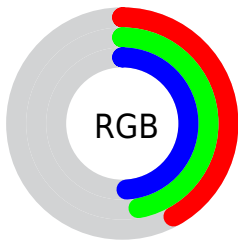
Format	Color
R_{YB}	108, 115, 125
Decimal	7108477
CIE _{Lab}	49.33, -2.76, -4.69
CIE _{LCh}	49, 5.443, 239.490
Yxy	17.8625, 0.2926, 0.3171
Android (android.graphics.Color)	4285298557 (0xFF6C777D)
YUV	116.3950, 4.2423, -7.3624
Hunter-Lab	42.2641, -4.3478, -1.2513

Details

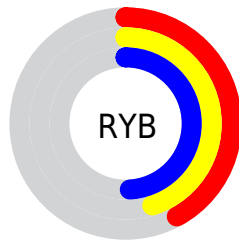
The XYZ color **16.4828, 17.8625, 21.9811** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1815, 17.4770, 16.6554**, and the grayscale version is **16.7114, 17.5817, 19.1465**.

A 20% lighter version of the original color is **37.0960, 39.8138, 47.8491**, and **5.4212, 5.9889, 7.7077** is the 20% darker color. If you saturate the color by 10%, you get **14.5576, 16.1093, 21.7444**, and if you desaturate by 10%, it is **18.6514, 19.7783, 22.2369**.

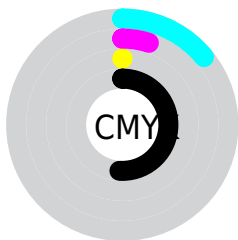
Distribution



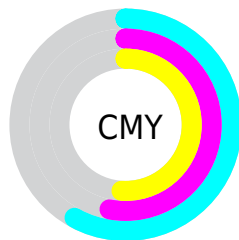
- Red (42%)
- Green (47%)
- Blue (49%)



- Red (42%)
- Yellow (45%)
- Blue (49%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4828, 17.8625, 21.9811 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 16.4828, 17.8625, 21.9811 by changing the saturation by 10% instead.

■ 16.4828, 17.8625,
21.9811

■ 16.4828, 17.8625,
21.9811

225.3888,
240.0949, 275.3978

■ 9.9594, 10.8513,
13.6448

■ 36.9851, 39.8029,
47.6165

■ 5.4341, 5.9669,
7.7381

■ 51.6947, 55.5009,
65.7528

■ 2.5415, 2.8250,
3.8425

■ 69.8638, 74.8633,
87.9928

■ 0.9162, 1.0411,
1.5393

■ 91.8577, 98.2744,
114.7551

■ 0.0000, 0.0000,
0.2470

118.0419,
126.1188, 146.4582

■ 0.0000, 0.0000,
0.0000

148.7815,

158.7807, 183.5207

184.4420,
196.6446, 226.3610

■ 16.4828, 17.8625,
21.9811

■ 16.4828, 17.8625,
21.9811

■ 14.5576, 16.1093,
21.7444

■ 18.6514, 19.7783,
22.2369

■ 12.8647, 14.5111,
21.5252

■ 21.0708, 21.8596,
22.5111

■ 11.3944, 13.0627,
21.3231

■ 23.7502, 24.1119,
22.8046

■ 10.1356, 11.7582,
21.1377

■ 26.6975, 26.5400,
23.1179

■ 9.0764, 10.5906,
20.9681

■ 29.9206, 29.1482,
23.4515

■ 8.2032, 9.5526,
20.8138

■ 33.4268, 31.9409,
23.8057

■ 7.5011, 8.6359,
20.6739

■ 37.2233, 34.9221,
24.1811

■ 6.9507, 7.8299,
20.5473

■ 41.3170, 38.0958,
24.5779

■ 6.6367, 7.3507,
20.4713

■ 45.7145, 41.4658,
24.9966

Harmonies

Analogous

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



16.1351, 17.8625, 20.8706



16.4828, 17.8625, 21.9811



16.9690, 17.8625, 22.4073

Triad

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



16.4828, 17.8625, 21.9811



17.9815, 17.8625, 19.4743



16.4977, 17.8625, 17.0966

Complementary

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



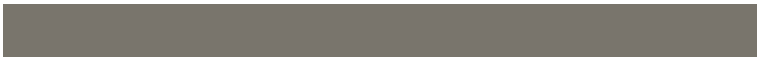
16.4828, 17.8625, 21.9811



17.1815, 17.4770, 16.6554

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.



16.9865, 17.8625, 16.7637



16.4828, 17.8625, 21.9811



17.8493, 17.8625, 18.0939

Square

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



16.4828, 17.8625, 21.9811



17.8402, 17.8625, 20.9162



17.4826, 17.8625, 17.1196



16.1436, 17.8625, 18.0525

Rectangle

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



16.4828, 17.8625, 21.9811



17.3084, 17.8625, 22.2303



17.4826, 17.8625, 17.1196



16.6514, 17.8625, 16.9103

Sweetspot

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



16.4833, 17.8632, 21.9815



33.1964, 35.2404, 39.7968



16.5526, 19.0694, 18.7132



7.4909, 7.9635, 9.0454



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.



16.4833, 17.8632, 21.9815



28.5133, 31.0844, 39.2414



15.5217, 15.9399, 21.6609



4.3227, 4.6395, 5.4809



6.9199, 7.6583, 21.3634



0.0000, 0.0000, 0.0000

Inverse Universe

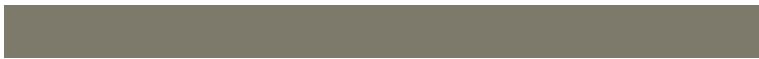
The Inverse Universe completely reimagines the original color for something new.



17.1501, 16.4173, 19.7187



29.9351, 28.0567, 34.4041



18.1794, 19.4728, 16.9880



4.4357, 4.3874, 5.0990



10.3698, 5.1676, 8.5371



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4828, 17.8625, 21.9811 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 16.4828, 17.8625, 21.9811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

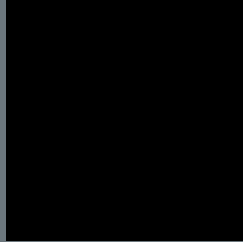
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

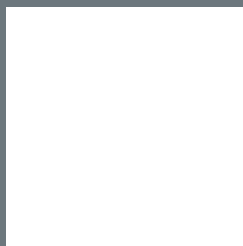
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4828, 17.8625, 21.9811

Background



This preview shows how black text looks on a background with the XYZ color 16.4828, 17.8625, 21.9811.



This preview shows how white text looks on a background with the XYZ color 16.4828, 17.8625,

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

16.4828, 17.8625, 21.9811

Protanopia

17.1567, 17.7028, 21.2516

Deuteranopia

18.0954, 17.8261, 22.2257



Tritanopia

16.7998, 18.0034, 23.0116

Trichromacy



Original Color

16.4828, 17.8625, 21.9811

Protanomaly

16.9388, 17.7552, 21.6031

Deuteranomaly

17.4825, 17.8487, 22.2624

Tritanomaly

16.7343, 17.9772, 22.6666

Monochromacy



Original Color

16.4828, 17.8625, 21.9811

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5011, 17.5652, 19.9735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4828, 17.8625, 21.9811 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(108, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 125)  
}
```

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(108, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.4828, 17.8625, 21.9811 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(108, 119, 125) }
```


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

```
.border{ border-color:rgb(108, 119, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4828, 17.8625, 21.9811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 125) }
```

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

```
.background{ background-color: rgb(108,  
119, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor