

Converting Colors

XYZ(16.8476, 18.4661, 22.6328)

Have a look what the booklet for
XYZ(16.8476, 18.4661, 22.6328)
contains.

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Color

**XYZ(16.8525, 18.3952,
22.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	6C797F
RGB	108, 121, 127
RGB Percent	42%, 47%, 50%
CMY	0.5765, 0.5255, 0.5020
CMYK	0.15, 0.05, 0.00, 0.50
HSL	199°, 8%, 46%
HSV	199°, 15%, 50%
XYZ	16.8525, 18.3952, 22.7411
YIQ	117.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

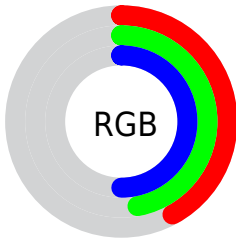
Format	Color
R_{YB}	108, 116, 127
Decimal	7108991
CIE Lab	49.97, -3.47, -4.92
CIE LCh	50, 6.017, 234.823
Yxy	18.3952, 0.2906, 0.3172
Android (android.graphics.Color)	4285299071 (0xFF6C797F)
YUV	117.7970, 4.5371, -8.5920
Hunter-Lab	42.8896, -4.9193, -1.4142

Details

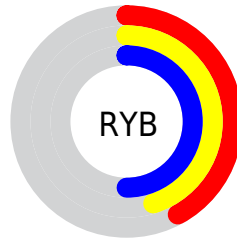
The XYZ color **16.8525, 18.3952, 22.7411** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4767, 17.6294, 16.6694**, and the grayscale version is **17.1453, 18.0382, 19.6436**.

A 20% lighter version of the original color is **37.6790, 40.6560, 49.0415**, and **5.6212, 6.2758, 8.1228** is the 20% darker color. If you saturate the color by 10%, you get **14.9420, 16.7024, 22.5153**, and if you desaturate by 10%, it is **19.0094, 20.2461, 22.9850**.

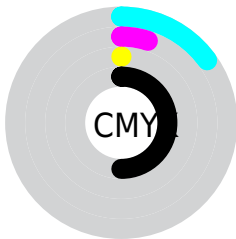
Distribution



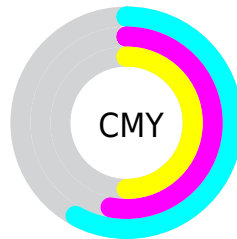
- Red (42%)
- Green (47%)
- Blue (50%)



- Red (42%)
- Yellow (45%)
- Blue (50%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8525, 18.3952, 22.7411 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 16.8525, 18.3952, 22.7411 by changing the saturation by 10% instead.

■ 16.8525, 18.3952,
22.7411

■ 16.8525, 18.3952,
22.7411

227.4938,
243.0893, 279.4711

■ 10.2240, 11.2341,
14.1990

■ 37.6176, 40.7096,
48.8857

■ 5.6112, 6.2245,
8.1188

■ 52.4850, 56.6317,
67.3251

■ 2.6485, 2.9821,
4.0822

■ 70.8293, 76.2429,
89.9008

■ 0.9707, 1.1224,
1.6706

■ 93.0161, 99.9275,
117.0313

■ 0.0000, 0.0000,
0.3404

119.4105,
128.0701, 149.1350

■ 0.0000, 0.0000,
0.0000

150.3781,

161.0550, 186.6305

186.2840,
199.2666, 229.9363

■ 16.8525, 18.3952,
22.7411

■ 16.8525, 18.3952,
22.7411

■ 14.9420, 16.7024,
22.5153

■ 19.0094, 20.2461,
22.9850

■ 13.2663, 15.1599,
22.3059

■ 21.4203, 22.2578,
23.2462

■ 11.8154, 13.7625,
22.1127

■ 24.0948, 24.4362,
23.5257

■ 10.5776, 12.5041,
21.9350

■ 27.0411, 26.7859,
23.8240

■ 9.5405, 11.3777,
21.7723

■ 30.2672, 29.3112,
24.1414

■ 8.6900, 10.3756,
21.6237

■ 33.7809, 32.0166,
24.4784

■ 8.0101, 9.4893,
21.4884

■ 37.5895, 34.9062,
24.8354

■ 7.4772, 8.7062,
21.3654

■ 41.7001, 37.9838,
25.2128

■ 7.2314, 8.3335,
21.3064

■ 46.1195, 41.2534,
25.6109

Harmonies

Analogous

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



16.4961, 18.3952, 21.3934



16.8525, 18.3952, 22.7411



17.3841, 18.3952, 23.3643

Triad

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



16.8525, 18.3952, 22.7411



18.6128, 18.3952, 20.3174



17.0223, 18.3952, 17.2808

Complementary

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



16.8525, 18.3952, 22.7411



17.4767, 17.6294, 16.6694

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.



17.5844, 18.3952, 17.0277



16.8525, 18.3952, 22.7411



18.5108, 18.3952, 18.7243

Square

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



16.8525, 18.3952, 22.7411



18.4070, 18.3952, 21.9167



18.1313, 18.3952, 17.5420



16.5926, 18.3952, 18.2534

Rectangle

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



16.8525, 18.3952, 22.7411



17.7696, 18.3952, 23.2616



18.1313, 18.3952, 17.5420



17.2017, 18.3952, 17.1111

Sweetspot

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



16.8530, 18.3960, 22.7415



34.3960, 36.5555, 41.1993



16.7943, 19.5753, 18.7238



7.9892, 8.5047, 9.6388



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.8530, 18.3960, 22.7415



28.9436, 31.8593, 40.5802



15.7876, 16.2651, 22.3864



4.3355, 4.6650, 5.4852



7.2917, 8.4020, 21.4874



0.0000, 0.0000, 0.0000

Inverse Universe

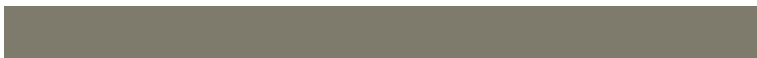
The Inverse Universe completely reimagines the original color for something new.



17.5666, 16.6181, 20.3718



30.4945, 28.0759, 35.4116



18.5673, 19.8107, 17.0330



4.4422, 4.3900, 5.1330



10.5575, 5.2427, 9.5255



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.8525, 18.3952, 22.7411 looks on a white 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

Black Background



This preview shows how the XYZ color 16.8525, 18.3952, 22.7411 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

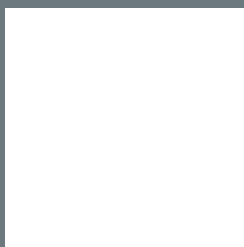
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8525, 18.3952, 22.7411

Background



This preview shows how black text looks on a background with the XYZ color 16.8525, 18.3952, 22.7411.



This preview shows how white text looks on a background with the XYZ color 16.8525, 18.3952,

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

16.8525, 18.3952, 22.7411

Protanopia

17.7879, 18.3595, 22.0082

Deuteranopia

18.6312, 18.2556, 22.9638



Tritanopia

17.1733, 18.5377, 23.7921

Trichromacy



Original Color

16.8525, 18.3952, 22.7411

Protanomaly

17.4330, 18.3448, 22.3608

Deuteranomaly

17.8653, 18.2030, 22.9940

Tritanomaly

17.1065, 18.5109, 23.4402

Monochromacy



Original Color

16.8525, 18.3952, 22.7411

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9874, 18.1515, 20.6974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8525, 18.3952, 22.7411 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, 121, 127) looks like.

```
.text, #text, p{  
    color:rgb(108, 121, 127)  
}
```

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, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 121, 127) }
```

Border

The CSS property to change the border of an element to XYZ 16.8525, 18.3952, 22.7411 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, 121, 127) }
```


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

```
.border{ border-color:rgb(108, 121, 127) }
```

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

Here you see how a box with a 4 pixel rgb(108, 121, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(108, 121,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8525, 18.3952, 22.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 121, 127) }
```

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

```
.background{ background-color: rgb(108,  
121, 127) }
```

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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