

Converting Colors

XYZ(16.8795, 19.0148, 22.5195)

Have a look what the booklet for
XYZ(16.8795, 19.0148, 22.5195)
contains.

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Color

**XYZ(16.7992, 18.9249,
22.5061)**

Conversions

Conversions Part 1

Format	Color
Hex	697C7E
RGB	105, 124, 126
RGB Percent	41%, 49%, 49%
CMY	0.5882, 0.5137, 0.5059
CMYK	0.17, 0.02, 0.00, 0.51
HSL	186°, 9%, 45%
HSV	186°, 17%, 49%
XYZ	16.7992, 18.9249, 22.5061
YIQ	118.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

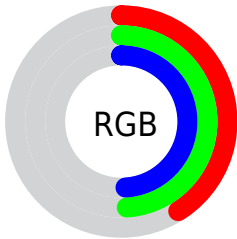
Format	Color
R_{YB}	105, 115, 126
Decimal	6913150
CIE _{Lab}	50.60, -6.47, -3.43
CIE _{LCh}	51, 7.318, 207.917
Yxy	18.9249, 0.2885, 0.3250
Android (android.graphics.Color)	4285103230 (0xFF697C7E)
YUV	118.5470, 3.6743, -11.8807
Hunter-Lab	43.5028, -7.1996, -0.2217

Details

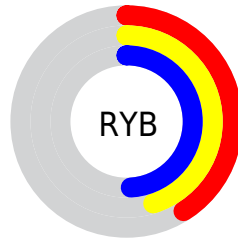
The XYZ color **16.7992, 18.9249, 22.5061** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4117, 15.9708, 15.5825**, and the grayscale version is **17.3835, 18.2888, 19.9165**.

A 20% lighter version of the original color is **37.5691, 41.7669, 48.7295**, and **5.5430, 6.4378, 7.9717** is the 20% darker color. If you saturate the color by 10%, you get **15.2784, 17.9197, 22.3925**, and if you desaturate by 10%, it is **18.5423, 20.0484, 22.6314**.

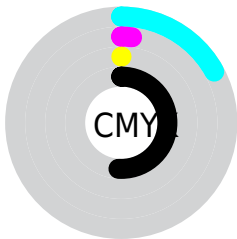
Distribution



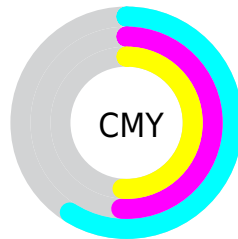
- Red (41%)
- Green (49%)
- Blue (49%)



- Red (41%)
- Yellow (45%)
- Blue (49%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7992, 18.9249, 22.5061 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 16.7992, 18.9249, 22.5061 by changing the saturation by 10% instead.

■ 16.7992, 18.9249,
22.5061

■ 16.7992, 18.9249,
22.5061

227.1914,
246.0339, 278.2172

■ 10.1858, 11.6160,
14.0274

■ 37.5266, 41.6072,
48.4939

■ 5.5856, 6.4828,
8.0007

■ 52.3713, 57.7493,
66.8401

■ 2.6330, 3.1408,
4.0076

■ 70.6905, 77.6047,
89.3125

■ 0.9628, 1.2057,
1.6295

■ 92.8495, 101.5577,
116.3298

■ 0.0000, 0.0663,
0.3118

119.2138,
129.9928, 148.3103

■ 0.0000, 0.0000,
0.0000

150.1486,

163.2942, 185.6727

186.0194,
201.8464, 228.8355

■ 16.7992, 18.9249,
22.5061

■ 16.7992, 18.9249,
22.5061

■ 15.2784, 17.9197,
22.3925

■ 18.5423, 20.0484,
22.6314

■ 13.9685, 17.0255,
22.2890

■ 20.5149, 21.2925,
22.7675

■ 12.8599, 16.2376,
22.1953

■ 22.7263, 22.6623,
22.9154

■ 11.9412, 15.5504,
22.1111

■ 25.1844, 24.1621,
23.0753

■ 11.2002, 14.9575,
22.0357

■ 27.8969, 25.7958,
23.2477

■ 10.6232, 14.4517,
21.9685

■ 30.8713, 27.5673,
23.4329

■ 10.1942, 14.0249,
21.9087

■ 34.1146, 29.4802,
23.6311

■ 9.8824, 13.6612,
21.8550

■ 37.6335, 31.5379,
23.8429

■ 9.7846, 13.5438,
21.8374

■ 41.4347, 33.7439,
24.0683

Harmonies

Analogous

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



16.6476, 18.9249, 20.4631



16.7992, 18.9249, 22.5061



17.2667, 18.9249, 24.1275

Triad

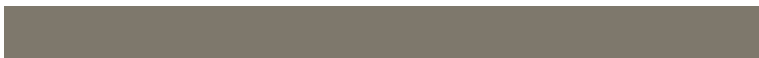
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.7992, 18.9249, 22.5061



19.1784, 18.9249, 22.7702



18.0376, 18.9249, 16.9144

Complementary

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



16.7992, 18.9249, 22.5061



16.4117, 15.9708, 15.5825

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.



18.7281, 18.9249, 17.4450



16.7992, 18.9249, 22.5061



19.3976, 18.9249, 20.7495

Square

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



16.7992, 18.9249, 22.5061



18.6393, 18.9249, 24.2869



19.2307, 18.9249, 18.8160



17.3512, 18.9249, 17.3172

Rectangle

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



16.7992, 18.9249, 22.5061



17.7011, 18.9249, 24.7034



19.2307, 18.9249, 18.8160



18.2770, 18.9249, 16.9887

Sweetspot

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



16.7997, 18.9257, 22.5065



33.1491, 35.6142, 39.8714



15.9275, 18.9815, 16.6656



7.4970, 8.0734, 9.0663



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.



16.7997, 18.9257, 22.5065



28.5080, 32.6161, 39.5374



15.5810, 16.4882, 22.1003



4.4126, 4.8192, 5.5109



10.0363, 13.8911, 22.4022



0.0000, 0.0000, 0.0000

Inverse Universe

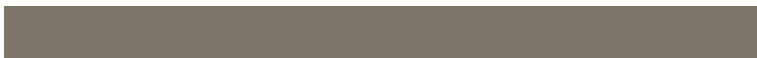
The Inverse Universe completely reimagines the original color for something new.



17.2942, 15.9943, 21.2454



29.5560, 26.4637, 36.8512



17.5447, 18.2367, 15.9602



4.4811, 4.4056, 5.3379



11.9428, 5.7968, 16.8206



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.7992, 18.9249, 22.5061 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 16.7992, 18.9249, 22.5061 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

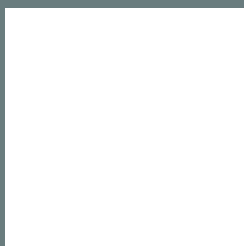
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7992, 18.9249, 22.5061

Background



This preview shows how black text looks on a background with the XYZ color 16.7992, 18.9249, 22.5061.



This preview shows how white text looks on a background with the XYZ color 16.7992, 18.9249,

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

16.7992, 18.9249, 22.5061

Protanopia

18.1768, 18.9279, 21.4343

Deuteranopia

19.2453, 18.9220, 22.7166



Tritanopia

17.2605, 18.9235, 24.9332

Trichromacy



Original Color

16.7992, 18.9249, 22.5061

Protanomaly

17.5457, 18.7748, 21.7679

Deuteranomaly

18.2930, 18.9583, 22.7739

Tritanomaly

17.0561, 18.8418, 23.8570

Monochromacy



Original Color

16.7992, 18.9249, 22.5061

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2897, 18.6573, 21.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7992, 18.9249, 22.5061 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(105, 124, 126) looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 126)  
}
```

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(105, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 126) }
```

Border

The CSS property to change the border of an element to XYZ 16.7992, 18.9249, 22.5061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

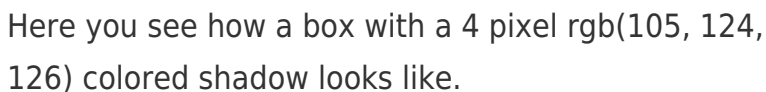
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 124, 126) }
```


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

```
.border{ border-color:rgb(105, 124, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 124, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 124, 126); box-shadow:4px 4px 4px 4px rgb(105, 124, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7992, 18.9249, 22.5061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 126) }
```

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

```
.background{ background-color: rgb(105,  
124, 126) }
```

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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