

Converting Colors

XYZ(16.7071, 22.0809, 17.7269)

Have a look what the booklet for
XYZ(16.7071, 22.0809, 17.7269)
contains.

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Color

**XYZ(16.7123, 22.0023,
17.8340)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5F8B6D |
| RGB | 95, 139, 109 |
| RGB Percent | 37%, 55%, 43% |
| CMY | 0.6274, 0.4549, 0.5725 |
| CMYK | 0.32, 0.00, 0.22, 0.45 |
| HSL | 139°, 19%, 46% |
| HSV | 139°, 32%, 55% |
| XYZ | 16.7123, 22.0023, 17.8340 |
| YIQ | 122.4240, -16.5940, -18.6580 |

Conversions

Conversions Part 2

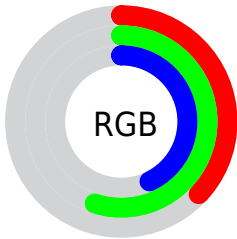
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 95, 128, 139 |
| Decimal | 6261613 |
| CIE _{Lab} | 54.03, -21.74, 11.31 |
| CIE _{LCh} | 54, 24.504, 152.505 |
| Yxy | 22.0023, 0.2955, 0.3891 |
| Android (android.graphics.Color) | 4284451693 (0xFF5F8B6D) |
| YUV | 122.4240, -6.6180, -24.0508 |
| Hunter-Lab | 46.9066, -18.4890, 10.2924 |

Details

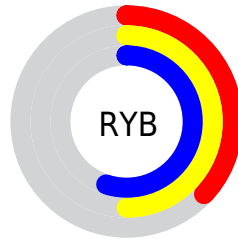
The XYZ color **16.7123, 22.0023, 17.8340** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4422, 15.1547, 21.3563**, and the grayscale version is **18.6628, 19.6347, 21.3822**.

A 20% lighter version of the original color is **37.5356, 46.9162, 40.7956**, and **5.5414, 8.0625, 5.6790** is the 20% darker color. If you saturate the color by 10%, you get **14.9123, 21.1308, 15.2287**, and if you desaturate by 10%, it is **18.8262, 23.0305, 20.7422**.

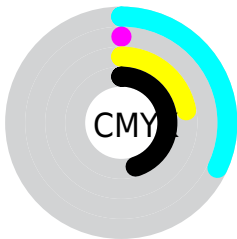
Distribution



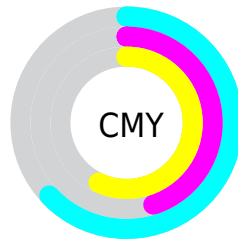
- Red (37%)
- Green (55%)
- Blue (43%)



- Red (37%)
- Yellow (50%)
- Blue (55%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7123, 22.0023, 17.8340 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 16.7123, 22.0023, 17.8340 by changing the saturation by 10% instead.

■ 16.7123, 22.0023,
17.8340

■ 16.7123, 22.0023,
17.8340

226.6977,
262.5583, 252.1383

■ 10.1236, 13.8586,
10.6627

■ 37.3780, 46.7498,
40.5644

■ 5.5439, 8.0224,
5.7292

■ 52.1857, 64.1224,
56.9605

■ 2.6078, 4.1093,
2.6150

■ 70.4638, 85.3400,
77.2686

■ 0.9499, 1.7349,
0.9002

■ 92.5777, 110.7872,
101.9073

■ 0.0000, 0.4461,
0.0000

118.8926,
140.8482, 131.2951

■ 0.0000, 0.0000,
0.0000

149.7741,

175.9074, 165.8505

185.5873,
216.3493, 205.9920

■ 16.7123, 22.0023,
17.8340

■ 16.7123, 22.0023,
17.8340

■ 14.9123, 21.1308,
15.2287

■ 18.8262, 23.0305,
20.7422

■ 13.4090, 20.4055,
12.9150

■ 21.2666, 24.2198,
23.9611

■ 12.1861, 19.8188,
10.8830


■ 24.0474, 25.5780,
27.5002


■ 11.2252, 19.3614,
9.1219


■ 27.1815, 27.1113,
31.3680


■ 10.5053, 19.0227,
7.6199


■ 30.6807, 28.8258,
35.5727


 10.0020, 18.7905,
6.3645

 34.5566, 30.7272,
40.1223

 9.6919, 18.6496,
5.4941

 38.8200, 32.8210,
45.0245

 43.4816, 35.1124,
50.2867

 48.5512, 37.6066,
55.9161

Harmonies

Analogous

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



18.2934, 22.0023, 13.6410



16.7123, 22.0023, 17.8340



16.2259, 22.0023, 24.5998

Triad

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



16.7123, 22.0023, 17.8340



21.1359, 22.0023, 41.6831



25.5085, 22.0023, 16.9425

Complementary

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



16.7123, 22.0023, 17.8340



18.4422, 15.1547, 21.3563

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.



26.4245, 22.0023, 23.3250



16.7123, 22.0023, 17.8340



23.7705, 22.0023, 38.4833

Square

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



16.7123, 22.0023, 17.8340



18.6482, 22.0023, 39.3643



25.7634, 22.0023, 31.3414



23.3531, 22.0023, 13.2078

Rectangle

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



16.7123, 22.0023, 17.8340



16.5514, 22.0023, 29.9846



25.7634, 22.0023, 31.3414



25.9794, 22.0023, 18.7963

Sweetspot

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



16.7129, 22.0032, 17.8345



39.2503, 43.9412, 44.4132



19.7662, 23.6575, 14.3514



8.9000, 10.0547, 10.0483



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.7129, 22.0032, 17.8345



27.5610, 38.2545, 28.5368



18.0449, 22.5360, 24.8488



5.0332, 5.6328, 5.6957



8.7542, 16.8343, 4.9961



0.0642, 0.1143, 0.0653

Inverse Universe

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



18.4422, 15.1547, 21.3563



31.1617, 23.9824, 35.8607



17.1919, 14.6546, 14.7725



5.1673, 5.1023, 5.9693



11.4729, 5.6993, 10.2604



0.0829, 0.0405, 0.1033

Previews

White Background



This preview shows how the XYZ color 16.7123, 22.0023, 17.8340 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 16.7123, 22.0023, 17.8340 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 16.7123, 22.0023, 17.8340

Background



This preview shows how black text looks on a background with the XYZ color 16.7123, 22.0023, 17.8340.



This preview shows how white text looks on a background with the XYZ color 16.7123, 22.0023,

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

16.7123, 22.0023, 17.8340

Protanopia

20.3712, 21.6721, 16.2062

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

19.1154, 21.9193, 30.0114

Trichromacy



Original Color

16.7123, 22.0023, 17.8340

Protanomaly

18.7379, 21.6081, 16.8189

Deuteranomaly

19.6216, 21.4374, 18.1426

Tritanomaly

18.1146, 21.9269, 25.1074

Monochromacy



Original Color

16.7123, 22.0023, 17.8340

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.6121, 20.1674, 19.7941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7123, 22.0023, 17.8340 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(95, 139, 109) looks like.

```
.text, #text, p{  
    color:rgb(95, 139, 109)  
}
```

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(95, 139, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 139, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.7123, 22.0023, 17.8340 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(95, 139, 109) }
```


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

```
.border{ border-color:rgb(95, 139, 109) }
```

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

Here you see how a box with a 4 pixel rgb(95, 139, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 139, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 139, 109);  
box-shadow:4px 4px 4px 4px rgb(95, 139,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7123, 22.0023, 17.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 139, 109) }
```

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

```
.background{ background-color: rgb(95, 139,  
109) }
```

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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