

Converting Colors

XYZ(16.5967, 19.6667, 22.8393)

Have a look what the booklet for
XYZ(16.5967, 19.6667, 22.8393)
contains.

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Color

**XYZ(16.5869, 19.5673,
22.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	62807F
RGB	98, 128, 127
RGB Percent	38%, 50%, 50%
CMY	0.6157, 0.4980, 0.5020
CMYK	0.23, 0.00, 0.01, 0.50
HSL	178°, 13%, 44%
HSV	178°, 23%, 50%
XYZ	16.5869, 19.5673, 22.9813
YIQ	118.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

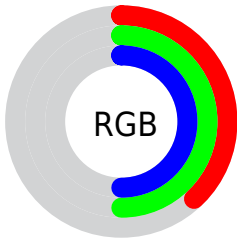
Format	Color
R_{YB}	98, 113, 128
Decimal	6455423
CIE _{Lab}	51.34, -10.87, -2.97
CIE _{LCh}	51, 11.263, 195.278
Yxy	19.5673, 0.2805, 0.3309
Android (android.graphics.Color)	4284645503 (0xFF62807F)
YUV	118.9160, 3.9854, -18.3433
Hunter-Lab	44.2349, -10.4785, 0.1616

Details

The XYZ color **16.5869, 19.5673, 22.9813** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.5225, 14.2259, 13.7329**, and the grayscale version is **17.5002, 18.4116, 20.0502**.

A 20% lighter version of the original color is **37.1565, 42.7326, 49.4699**, and **5.4865, 6.8201, 8.2350** is the 20% darker color. If you saturate the color by 10%, you get **15.2871, 18.9010, 22.7758**, and if you desaturate by 10%, it is **18.1088, 20.3492, 23.1987**.

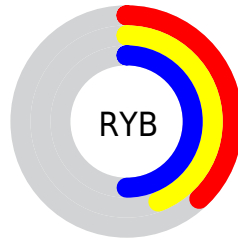
Distribution



Red (38%)

Green (50%)

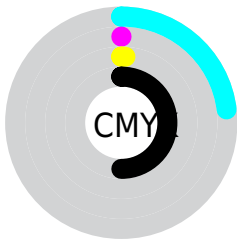
Blue (50%)



Red (38%)

Yellow (44%)

Blue (50%)

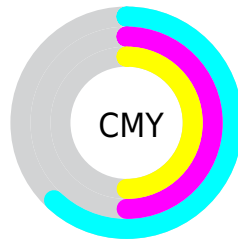


Cyan (23%)

Magenta (0%)

Yellow (1%)

Black (50%)



Cyan (62%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5869, 19.5673, 22.9813 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 16.5869, 19.5673, 22.9813 by changing the saturation by 10% instead.

■ 16.5869, 19.5673,
22.9813

■ 16.5869, 19.5673,
22.9813

225.9834,
249.5629, 280.7477

■ 10.0339, 12.0809,
14.3745

■ 37.1634, 42.6905,
49.2854

■ 5.4839, 6.7988,
8.2399

■ 51.9176, 59.0962,
67.8199

■ 2.5715, 3.3366,
4.1589

■ 70.1362, 79.2436,
90.5006

■ 0.9315, 1.3099,
1.7129

■ 92.1847, 103.5174,
117.7462

■ 0.0000, 0.1488,
0.3695

118.4282,
132.3018, 149.9751

■ 0.0000, 0.0000,
0.0000

149.2323,

165.9813, 187.6060

184.9622,
204.9402, 231.0574

■ 16.5869, 19.5673,
22.9813

■ 16.5869, 19.5673,
22.9813

■ 15.2871, 18.9010,
22.7758

■ 18.1088, 20.3492,
23.1987

■ 14.1973, 18.3423,
22.5803

■ 19.8610, 21.2492,
23.4270

■ 13.3067, 17.8864,
22.3947

■ 21.8532, 22.2730,
23.6672

■ 12.6029, 17.5268,
22.2185

■ 24.0941, 23.4249,
23.9197

■ 12.0722, 17.2563,
22.0510

■ 26.5919, 24.7093,
24.1848

■ 11.6988, 17.0670,
21.8915

■ 29.3546, 26.1302,
24.4629

■ 11.4633, 16.9487,
21.7390

■ 32.3897, 27.6916,
24.7544

■ 11.3405, 16.8874,
21.6408

■ 35.7043, 29.3970,
25.0596

■ 39.3056, 31.2502,
25.3789

Harmonies

Analogous

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



16.5819, 19.5673, 19.7683



16.5869, 19.5673, 22.9813



17.1159, 19.5673, 26.0215

Triad

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



16.5869, 19.5673, 22.9813



20.1792, 19.5673, 25.9730



19.1538, 19.5673, 15.8538

Complementary

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



16.5869, 19.5673, 22.9813



15.5225, 14.2259, 13.7329

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.



20.1635, 19.5673, 17.1967



16.5869, 19.5673, 22.9813



20.7715, 19.5673, 22.9203

Square

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



16.5869, 19.5673, 22.9813



19.1744, 19.5673, 27.8637



20.7657, 19.5673, 19.7131



18.0335, 19.5673, 15.8666

Rectangle

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



16.5869, 19.5673, 22.9813



17.7073, 19.5673, 27.4482



20.7657, 19.5673, 19.7131



19.5183, 19.5673, 16.1552

Sweetspot

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



16.5875, 19.5681, 22.9817



33.7699, 36.7960, 41.0931



15.1247, 19.0019, 14.4261



7.8737, 8.5981, 9.6168



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.



16.5875, 19.5681, 22.9817



27.9643, 33.8152, 40.2700



15.0077, 16.3035, 22.7789



4.4404, 4.8845, 5.4905



11.2445, 16.7444, 21.4580



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5225, 14.2259, 13.7329



25.7553, 22.7325, 21.0841



16.8465, 16.9500, 13.9393



4.3331, 4.3464, 4.5588



8.8504, 4.5598, 0.5359



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5869, 19.5673, 22.9813 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 16.5869, 19.5673, 22.9813 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

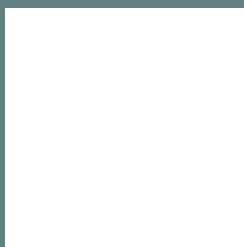
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5869, 19.5673, 22.9813

Background



This preview shows how black text looks on a background with the XYZ color 16.5869, 19.5673, 22.9813.



This preview shows how white text looks on a background with the XYZ color 16.5869, 19.5673,

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

16.5869, 19.5673, 22.9813

Protanopia

18.7247, 19.3899, 21.4946

Deuteranopia

19.8010, 19.3671, 23.4635



Tritanopia

17.3603, 19.6942, 26.5533

Trichromacy



Original Color

16.5869, 19.5673, 22.9813

Protanomaly

17.9160, 19.5154, 21.8914

Deuteranomaly

18.4636, 19.3995, 23.1934

Tritanomaly

16.9686, 19.5248, 25.0646

Monochromacy



Original Color

16.5869, 19.5673, 22.9813

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.0279, 18.7037, 21.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5869, 19.5673, 22.9813 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(98, 128, 127) looks like.

```
.text, #text, p{  
    color:rgb(98, 128, 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(98, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 16.5869, 19.5673, 22.9813 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(98, 128, 127) }
```


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

```
.border{ border-color:rgb(98, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(98, 128,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5869, 19.5673, 22.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 128, 127) }
```

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

```
.background{ background-color: rgb(98, 128,  
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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