

Converting Colors

XYZ(17.2681, 21.9985, 22.1011)

Have a look what the booklet for
XYZ(17.2681, 21.9985, 22.1011)
contains.

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Color

**XYZ(17.2797, 21.9867,
22.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8A7B
RGB	94, 138, 123
RGB Percent	37%, 54%, 48%
CMY	0.6314, 0.4588, 0.5176
CMYK	0.32, 0.00, 0.11, 0.46
HSL	160°, 19%, 45%
HSV	160°, 32%, 54%
XYZ	17.2797, 21.9867, 22.0720
YIQ	123.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

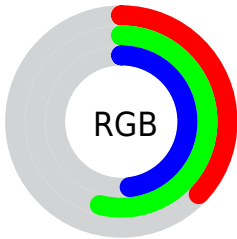
Format	Color
R_{YB}	94, 121, 138
Decimal	6195835
CIE _{Lab}	54.01, -18.53, 3.22
CIE _{LCh}	54, 18.809, 170.128
Y _{xy}	21.9867, 0.2817, 0.3584
Android (android.graphics.Color)	4284385915 (0xFF5E8A7B)
Y _{UV}	123.1340, -0.0661, -25.5505
Hunter-Lab	46.8900, -16.2774, 4.9141

Details

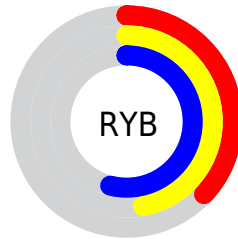
The XYZ color **17.2797, 21.9867, 22.0720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2450, 14.5133, 16.3613**, and the grayscale version is **18.8767, 19.8598, 21.6273**.

A 20% lighter version of the original color is **38.4416, 46.9054, 47.5850**, and **5.8079, 8.0317, 7.7227** is the 20% darker color. If you saturate the color by 10%, you get **15.7018, 21.2071, 20.4977**, and if you desaturate by 10%, it is **19.1261, 22.9043, 23.7337**.

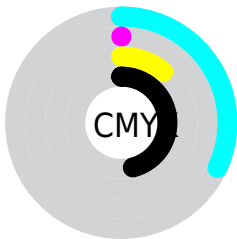
Distribution



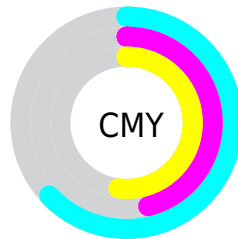
- Red (37%)
- Green (54%)
- Blue (48%)



- Red (37%)
- Yellow (47%)
- Blue (54%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (63%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2797, 21.9867, 22.0720 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 17.2797, 21.9867, 22.0720 by changing the saturation by 10% instead.

■ 17.2797, 21.9867,
22.0720

■ 17.2797, 21.9867,
22.0720

229.9040,
262.4768, 275.8878

■ 10.5306, 13.8471,
13.7110

■ 38.3458, 46.7240,
47.7687

■ 5.8171, 8.0144,
7.7835

■ 53.3936, 64.0905,
65.9414

■ 2.7738, 4.1042,
3.8709

■ 71.9384, 85.3015,
88.2219

■ 1.0353, 1.7320,
1.5548

■ 94.3455, 110.7413,
115.0285

■ 0.0000, 0.4443,
0.2583

120.9802,
140.7944, 146.7798

■ 0.0000, 0.0000,
0.0000

152.2080,

175.8450, 183.8945

188.3941,
216.2777, 226.7910

■ 17.2797, 21.9867,
22.0720

■ 17.2797, 21.9867,
22.0720

■ 15.7018, 21.2071,
20.4977

■ 19.1261, 22.9043,
23.7337

■ 14.3768, 20.5556,
19.0077

■ 21.2517, 23.9635,
25.4829

■ 13.2903, 20.0255,
17.6007

■ 23.6691, 25.1716,
27.3217

■ 12.4259, 19.6084,
16.2748

■ 26.3893, 26.5340,
29.2515

■ 11.7647, 19.2944,
15.0282

■ 29.4230, 28.0563,
31.2739

■ 11.2847, 19.0723,
13.8585

■ 32.7802, 29.7436,
33.3901

■ 10.9752, 18.9323,
12.9627

■ 36.4704, 31.6009,
35.6016

■ 40.5029, 33.6328,
37.9096

■ 44.8864, 35.8439,
40.3156

Harmonies

Analogous

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



18.0400, 21.9867, 17.4586



17.2797, 21.9867, 22.0720



17.4395, 21.9867, 28.0008

Triad

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



17.2797, 21.9867, 22.0720



22.2713, 21.9867, 36.0589



23.5040, 21.9867, 16.3374

Complementary

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



17.2797, 21.9867, 22.0720



17.2450, 14.5133, 16.3613

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.



24.7853, 21.9867, 20.2917



17.2797, 21.9867, 22.0720



24.0423, 21.9867, 31.8542

Square

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



17.2797, 21.9867, 22.0720



20.2349, 21.9867, 36.7435



24.9884, 21.9867, 25.9101



21.5748, 21.9867, 14.5208

Rectangle

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



17.2797, 21.9867, 22.0720



18.0502, 21.9867, 31.9005



24.9884, 21.9867, 25.9101



24.0299, 21.9867, 17.4276

Sweetspot

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



17.2803, 21.9876, 22.0725



38.1338, 42.5754, 45.4467



17.4655, 22.2627, 13.9666



8.4431, 9.4945, 10.1072



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.2803, 21.9876, 22.0725



28.4820, 37.7774, 36.9660



17.3743, 20.5558, 27.0978



5.1016, 5.6601, 6.0559



10.0692, 17.3603, 11.9211



0.0738, 0.1181, 0.1154

Inverse Universe

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



17.2450, 14.5133, 16.3613



28.4124, 22.5368, 25.3322



17.1172, 15.4418, 12.6684



5.0987, 5.0749, 5.6080



10.0875, 5.1451, 2.9651



0.0734, 0.0367, 0.0532

Previews

White Background



This preview shows how the XYZ color 17.2797, 21.9867, 22.0720 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 17.2797, 21.9867, 22.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

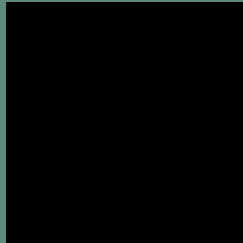
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2797, 21.9867, 22.0720

Background



This preview shows how black text looks on a background with the XYZ color 17.2797, 21.9867, 22.0720.

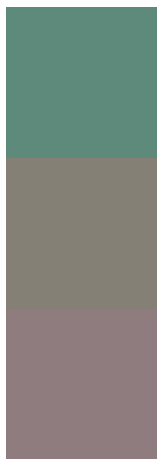


This preview shows how white text looks on a background with the XYZ color 17.2797, 21.9867,

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

17.2797, 21.9867, 22.0720

Protanopia

20.6621, 21.7329, 20.2454

Deuteranopia

22.1289, 21.6724, 22.7555



Tritanopia

18.9979, 22.0559, 30.4501

Trichromacy



Original Color

17.2797, 21.9867, 22.0720

Protanomaly

19.2492, 21.7805, 20.9588

Deuteranomaly

20.0094, 21.5412, 22.5053

Tritanomaly

18.3214, 21.9847, 27.3226

Monochromacy



Original Color

17.2797, 21.9867, 22.0720

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9764, 20.3131, 21.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2797, 21.9867, 22.0720 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(94, 138, 123) looks like.

```
.text, #text, p{  
    color:rgb(94, 138, 123)  
}
```

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(94, 138, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 138, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.2797, 21.9867, 22.0720 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(94, 138, 123) }
```


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

```
.border{ border-color:rgb(94, 138, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 138, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 138, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 138, 123);  
box-shadow:4px 4px 4px 4px rgb(94, 138,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2797, 21.9867, 22.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 138, 123) }
```

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

```
.background{ background-color: rgb(94, 138,  
123) }
```

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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