

Converting Colors

XYZ(17.7044, 21.9746, 23.2580)

Have a look what the booklet for
XYZ(17.7044, 21.9746, 23.2580)
contains.

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Color

**XYZ(17.7062, 21.9650,
23.3851)**

Conversions

Conversions Part 1

Format	Color
Hex	61897F
RGB	97, 137, 127
RGB Percent	38%, 54%, 50%
CMY	0.6196, 0.4627, 0.5020
CMYK	0.29, 0.00, 0.07, 0.46
HSL	165°, 17%, 46%
HSV	165°, 29%, 54%
XYZ	17.7062, 21.9650, 23.3851
YIQ	123.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

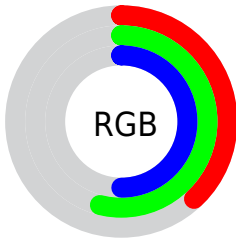
Format	Color
R _Y B	97, 120, 137
Decimal	6392191
CIE Lab	53.99, -16.12, 0.90
CIE LCh	54, 16.144, 176.805
Yxy	21.9650, 0.2808, 0.3483
Android (android.graphics.Color)	4284582271 (0xFF61897F)
YUV	123.9000, 1.5283, -23.5913
Hunter-Lab	46.8668, -14.5800, 3.2229

Details

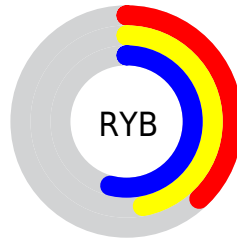
The XYZ color **17.7062, 21.9650, 23.3851** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2459, 14.9299, 15.8837**, and the grayscale version is **19.1254, 20.1214, 21.9122**.

A 20% lighter version of the original color is **39.2634, 46.9465, 50.1722**, and **6.0023, 7.9948, 8.4345** is the 20% darker color. If you saturate the color by 10%, you get **16.1513, 21.1893, 22.1670**, and if you desaturate by 10%, it is **19.5221, 22.8755, 24.6560**.

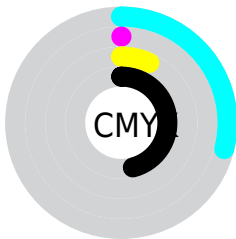
Distribution



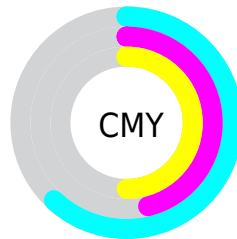
- Red (38%)
- Green (54%)
- Blue (50%)



- Red (38%)
- Yellow (47%)
- Blue (54%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7062, 21.9650, 23.3851 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 17.7062, 21.9650, 23.3851 by changing the saturation by 10% instead.

■ 17.7062, 21.9650,
23.3851

■ 17.7062, 21.9650,
23.3851

232.2875,
262.3634, 282.8826

■ 10.8377, 13.8312,
14.6702

■ 39.0701, 46.6881,
49.9561

■ 6.0243, 8.0033,
8.4442

■ 54.2961, 64.0463,
68.6492

■ 2.9006, 4.0971,
4.2886

■ 73.0387, 85.2479,
91.5054

■ 1.1014, 1.7280,
1.7850

■ 95.6633, 110.6776,
118.9433

■ 0.0263, 0.4417,
0.4180

122.5350,
140.7195, 151.3815

■ 0.0000, 0.0000,
0.0000

154.0195,

175.7582, 189.2384

190.4818,
216.1781, 232.9326

■ 17.7062, 21.9650,
23.3851

■ 17.7062, 21.9650,
23.3851

■ 16.1513, 21.1893,
22.1670

■ 19.5221, 22.8755,
24.6560

■ 14.8424, 20.5391,
20.9992

■ 21.6093, 23.9243,
25.9791

■ 13.7661, 20.0079,
19.8811

■ 23.9796, 25.1182,
27.3559

■ 12.9066, 19.5876,
18.8116

■ 26.6437, 26.4627,
28.7872

■ 12.2463, 19.2691,
17.7895

■ 29.6119, 27.9630,
30.2739

■ 11.7647, 19.0419,
16.8134

■ 32.8936, 29.6241,
31.8167

■ 11.4091, 18.8789,
15.8804

■ 36.4981, 31.4506,
33.4165

■ 11.3815, 18.8663,
15.8072

■ 40.4342, 33.4471,
35.0741

■ 44.7104, 35.6180,
36.7901

Harmonies

Analogous

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



18.1961, 21.9650, 19.0363



17.7062, 21.9650, 23.3851



18.0261, 21.9650, 28.5113

Triad

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



17.7062, 21.9650, 23.3851



22.4253, 21.9650, 33.5476



22.7664, 21.9650, 16.7493

Complementary

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



17.7062, 21.9650, 23.3851



17.2459, 14.9299, 15.8837

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.



24.0138, 21.9650, 19.8433



17.7062, 21.9650, 23.3851



23.8093, 21.9650, 29.5659

Square

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



17.7062, 21.9650, 23.3851



20.6908, 21.9650, 34.8375



24.4056, 21.9650, 24.4552



21.0644, 21.9650, 15.5553

Rectangle

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



17.7062, 21.9650, 23.3851



18.6659, 21.9650, 31.6188



24.4056, 21.9650, 24.4552



23.2563, 21.9650, 17.5786

Sweetspot

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



17.7068, 21.9659, 23.3856



38.6961, 42.8420, 46.5216



17.2479, 21.9226, 14.6321



8.5657, 9.5521, 10.3653



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.



17.7068, 21.9659, 23.3856



29.8259, 38.3949, 40.4324



17.1216, 19.6999, 26.5680



5.1203, 5.6676, 6.1545



10.6063, 17.5751, 14.7496



0.0763, 0.1191, 0.1288

Inverse Universe

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



17.2459, 14.9299, 15.8837



28.8640, 23.6770, 24.7519



17.6634, 16.5590, 13.5749



5.0809, 5.0678, 5.5142



9.8865, 5.0647, 1.9068



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 17.7062, 21.9650, 23.3851 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 17.7062, 21.9650, 23.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

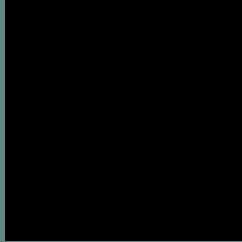
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7062, 21.9650, 23.3851

Background



This preview shows how black text looks on a background with the XYZ color 17.7062, 21.9650, 23.3851.

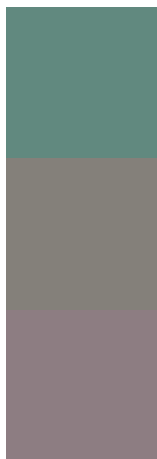


This preview shows how white text looks on a background with the XYZ color 17.7062, 21.9650,

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

17.7062, 21.9650, 23.3851

Protanopia

20.7477, 21.7490, 21.5168

Deuteranopia

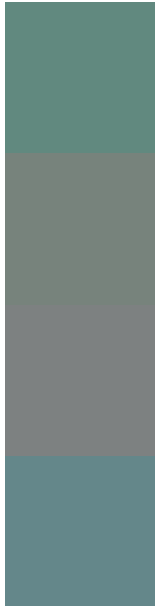
22.3474, 21.9417, 24.1764



Tritanopia

19.0028, 21.8612, 30.0062

Trichromacy



Original Color

17.7062, 21.9650, 23.3851

Protanomaly

19.3621, 21.6098, 22.2194

Deuteranomaly

20.2702, 21.6455, 23.8785

Tritanomaly

18.5069, 21.8722, 27.2911

Monochromacy



Original Color

17.7062, 21.9650, 23.3851

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4914, 20.7586, 22.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7062, 21.9650, 23.3851 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(97, 137, 127)` looks like.

```
.text, #text, p{  
    color:rgb(97, 137, 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(97, 137, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.7062, 21.9650, 23.3851 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(97, 137, 127) }
```


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

```
.border{ border-color:rgb(97, 137, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 137, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 137, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 137, 127);  
box-shadow:4px 4px 4px 4px rgb(97, 137,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7062, 21.9650, 23.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 137, 127) }
```

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

```
.background{ background-color: rgb(97, 137,  
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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