

Converting Colors

XYZ(19.9465, 21.8126, 21.5000)

Have a look what the booklet for
XYZ(19.9465, 21.8126, 21.5000)
contains.

XYZ(19.9529, 21.7304, 21.5551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.9529, 21.7304,
21.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	7D827A
RGB	125, 130, 122
RGB Percent	49%, 51%, 48%
CMY	0.5098, 0.4902, 0.5216
CMYK	0.04, 0.00, 0.06, 0.49
HSL	98°, 3%, 49%
HSV	98°, 6%, 51%
XYZ	19.9529, 21.7304, 21.5551
YIQ	127.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

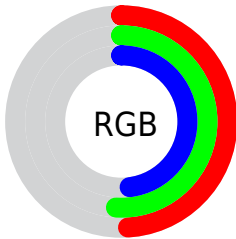
Format	Color
RYB	122, 130, 127
Decimal	8225402
CIELab	53.74, -3.44, 3.68
CIELCh	54, 5.037, 133.092
Yxy	21.7304, 0.3155, 0.3436
Android (android.graphics.Color)	4286415482 (0xFF7D827A)
YUV	127.5930, -2.7573, -2.2741
Hunter-Lab	46.6159, -5.1748, 5.2155

Details

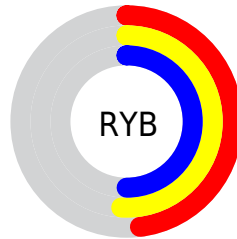
The XYZ color **19.9529, 21.7304, 21.5551** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7421, 20.0434, 23.9485**, and the grayscale version is **20.3868, 21.4485, 23.3574**.

A 20% lighter version of the original color is **42.9336, 46.3879, 46.7353**, and **7.1255, 7.9024, 7.4531** is the 20% darker color. If you saturate the color by 10%, you get **18.0625, 20.8434, 17.5394**, and if you desaturate by 10%, it is **22.0494, 22.7124, 26.1440**.

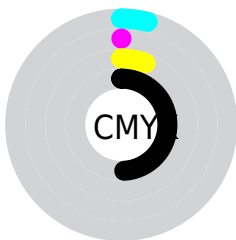
Distribution



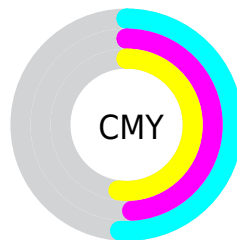
- Red (49%)
- Green (51%)
- Blue (48%)



- Red (48%)
- Yellow (51%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9529, 21.7304, 21.5551 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 19.9529, 21.7304, 21.5551 by changing the saturation by 10% instead.

■ 19.9529, 21.7304,
21.5551

■ 19.9529, 21.7304,
21.5551

244.4984,
261.1351, 273.0913

■ 12.4689, 13.6589,
13.3352

■ 42.8427, 46.3000,
46.9023

■ 7.1383, 7.8838,
7.5263

■ 58.9793, 63.5669,
64.8666

■ 3.5958, 4.0207,
3.7100

■ 78.7307, 84.6678,
86.9162

■ 1.4761, 1.6852,
1.4676

102.4624,
109.9870, 113.4695

■ 0.3095, 0.4140,
0.1936

130.5396,
139.9089, 144.9452

■ 0.0000, 0.0000,
0.0000

163.3278,

174.8180, 181.7616

201.1923,
215.0986, 224.3375

■ 19.9529, 21.7304,
21.5551

■ 19.9529, 21.7304,
21.5551

■ 18.0625, 20.8434,
17.5394

■ 22.0494, 22.7124,
26.1440

■ 16.3698, 20.0458,
14.0728

■ 24.3565, 23.7895,
31.3258

■ 14.8685, 19.3354,
11.1321

■ 26.8807, 24.9651,
37.1211

■ 13.5513, 18.7090,
8.6913

■ 29.6278, 26.2418,
43.5492

■ 12.4103, 18.1632,
6.7225

■ 32.6032, 27.6221,
50.6284

■ 11.4369, 17.6941,
5.1953

■ 35.8122, 29.1082,
58.3764

■ 10.6218, 17.2979,
4.0752

■ 39.2600, 30.7025,
66.8100

■ 9.9545, 16.9699,
3.3230

■ 42.9515, 32.4072,
75.9456

■ 9.4190, 16.7033,
2.8711

■ 46.8915, 34.2244,
85.7990

Harmonies

Analogous

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



20.4198, 21.7304, 20.8812



19.9529, 21.7304, 21.5551



19.6766, 21.7304, 22.8064

Triad

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



19.9529, 21.7304, 21.5551



20.3536, 21.7304, 26.6211



21.6819, 21.7304, 22.9936

Complementary

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



19.9529, 21.7304, 21.5551



19.7421, 20.0434, 23.9485

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.



21.6634, 21.7304, 24.5361



19.9529, 21.7304, 21.5551



20.8902, 21.7304, 26.6766

Square

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



19.9529, 21.7304, 21.5551



19.9052, 21.7304, 25.7507



21.3715, 21.7304, 25.8992



21.4216, 21.7304, 21.6870

Rectangle

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



19.9529, 21.7304, 21.5551



19.6346, 21.7304, 23.8214



21.3715, 21.7304, 25.8992



21.7082, 21.7304, 23.5007

Sweetspot

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



19.9535, 21.7313, 21.5556



36.6105, 38.9585, 41.1560



20.3004, 21.3134, 21.4566



8.2987, 8.8237, 9.3419



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.



19.9535, 21.7313, 21.5556



34.7877, 38.1044, 37.2048



19.5803, 21.5322, 21.8416



4.4973, 4.9290, 4.8046



8.8631, 15.9315, 2.6080



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.7421, 20.0434, 23.9485



34.3576, 34.6700, 42.0736



20.1332, 20.2522, 23.6411



4.4408, 4.4783, 5.4436



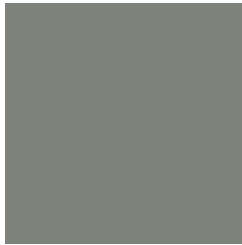
7.1473, 3.2383, 20.4983



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.9529, 21.7304, 21.5551 looks on a white background.

Color Contrast Check

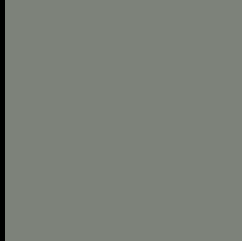
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9529, 21.7304, 21.5551 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

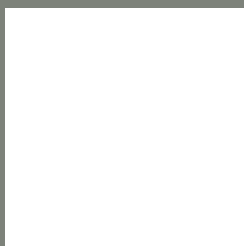
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9529, 21.7304, 21.5551

Background



This preview shows how black text looks on a background with the XYZ color 19.9529, 21.7304, 21.5551.



This preview shows how white text looks on a background with the XYZ color 19.9529, 21.7304,

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

19.9529, 21.7304, 21.5551

Protanopia

20.6861, 21.7244, 21.1921

Deuteranopia

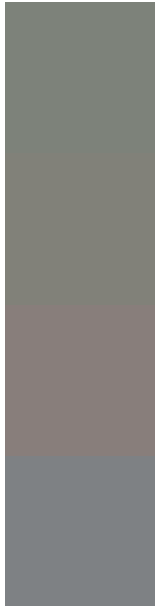
22.1105, 21.6850, 21.7592



Tritanopia

21.0590, 21.7853, 27.1398

Trichromacy



Original Color

19.9529, 21.7304, 21.5551

Protanomaly

20.3547, 21.7481, 21.2142

Deuteranomaly

21.1893, 21.5860, 21.7886

Tritanomaly

20.6193, 21.8021, 24.9513

Monochromacy



Original Color

19.9529, 21.7304, 21.5551

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3685, 21.7189, 22.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9529, 21.7304, 21.5551 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(125, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 130, 122)  
}
```

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(125, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 130, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.9529, 21.7304, 21.5551 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(125, 130, 122) }
```


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

```
.border{ border-color:rgb(125, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 130, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 130, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 130,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9529, 21.7304, 21.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 130, 122) }
```

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

```
.background{ background-color: rgb(125,  
130, 122) }
```

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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