

Converting Colors

XYZ(17.9088, 20.9497, 22.8971)

Have a look what the booklet for
XYZ(17.9088, 20.9497, 22.8971)
contains.

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Color

**XYZ(17.9610, 21.0731,
22.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	6A847E
RGB	106, 132, 126
RGB Percent	42%, 52%, 49%
CMY	0.5843, 0.4823, 0.5059
CMYK	0.20, 0.00, 0.05, 0.48
HSL	166°, 11%, 47%
HSV	166°, 20%, 52%
XYZ	17.9610, 21.0731, 22.8595
YIQ	123.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

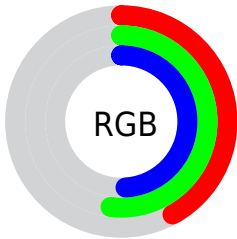
Format	Color
RYB	106, 121, 132
Decimal	6980734
CIELab	53.03, -10.62, 0.15
CIElCh	53, 10.617, 179.201
Yxy	21.0731, 0.2902, 0.3405
Android (android.graphics.Color)	4285170814 (0xFF6A847E)
YUV	123.5420, 1.2118, -15.3843
Hunter-Lab	45.9054, -10.4945, 2.6092

Details

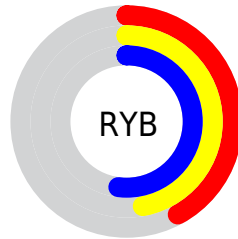
The XYZ color **17.9610, 21.0731, 22.8595** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5951, 16.3840, 17.5652**, and the grayscale version is **19.0058, 19.9955, 21.7752**.

A 20% lighter version of the original color is **39.5862, 45.2217, 49.2901**, and **6.1777, 7.6219, 8.1667** is the 20% darker color. If you saturate the color by 10%, you get **16.3180, 20.2490, 21.7721**, and if you desaturate by 10%, it is **19.8527, 22.0258, 23.9907**.

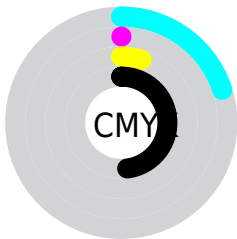
Distribution



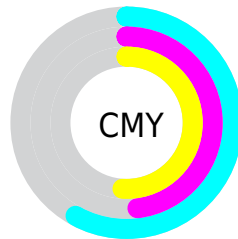
- Red (42%)
- Green (52%)
- Blue (49%)



- Red (42%)
- Yellow (47%)
- Blue (52%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9610, 21.0731, 22.8595 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 17.9610, 21.0731, 22.8595 by changing the saturation by 10% instead.

■ 17.9610, 21.0731,
22.8595

■ 17.9610, 21.0731,
22.8595

233.7010,
257.6667, 280.1010

■ 11.0215, 13.1774,
14.2855

■ 39.5015, 45.2092,
49.0828

■ 6.1487, 7.5509,
8.1785

■ 54.8331, 62.2184,
67.5691

■ 2.9772, 3.8089,
4.1200

■ 73.6929, 83.0342,
90.1967

■ 1.1417, 1.5673,
1.6914

■ 96.4462, 108.0411,
117.3839

■ 0.0596, 0.3354,
0.3548

123.4583,
137.6233, 149.5494

■ 0.0000, 0.0000,
0.0000

155.0945,

172.1655, 187.1118

191.7203,
212.0518, 230.4895

■ 17.9610, 21.0731,
22.8595

■ 17.9610, 21.0731,
22.8595

■ 16.3180, 20.2490,
21.7721

■ 19.8527, 22.0258,
23.9907

■ 14.9108, 19.5453,
20.7264

■ 22.0017, 23.1099,
25.1650

■ 13.7281, 18.9566,
19.7218

■ 24.4183, 24.3312,
26.3836

■ 12.7570, 18.4763,
18.7576

■ 27.1117, 25.6945,
27.6472

■ 11.9831, 18.0970,
17.8328

■ 30.0908, 27.2044,
28.9566

■ 11.3902, 17.8104,
16.9463

■ 33.3639, 28.8652,
30.3123

■ 10.9596, 17.6067,
16.0970

■ 36.9392, 30.6810,
31.7150

■ 10.6363, 17.4578,
15.2820

■ 40.8243, 32.6557,
33.1653

■ 10.6268, 17.4534,
15.2579

■ 45.0268, 34.7933,
34.6638

Harmonies

Analogous

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



18.2435, 21.0731, 19.9423



17.9610, 21.0731, 22.8595



18.2154, 21.0731, 26.0732

Triad

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



17.9610, 21.0731, 22.8595



21.0937, 21.0731, 28.7335



21.1474, 21.0731, 18.0642

Complementary

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



17.9610, 21.0731, 22.8595



17.5951, 16.3840, 17.5652

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.



21.9599, 21.0731, 20.0776



17.9610, 21.0731, 22.8595



21.9281, 21.0731, 26.2350

Square

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



17.9610, 21.0731, 22.8595



19.9995, 21.0731, 29.6491



22.2507, 21.0731, 23.0308



20.0593, 21.0731, 17.3364

Rectangle

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



17.9610, 21.0731, 22.8595



18.6608, 21.0731, 27.9145



22.2507, 21.0731, 23.0308



21.4633, 21.0731, 18.6034

Sweetspot

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



17.9616, 21.0740, 22.8600



36.2649, 39.4499, 42.9857



17.5440, 20.9932, 16.7633



8.3974, 9.1616, 9.9825



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9616, 21.0740, 22.8600



30.1839, 36.3896, 39.3295



17.4514, 19.4150, 24.6586



4.7569, 5.2610, 5.7309



10.2910, 16.8993, 14.7837



0.0384, 0.0597, 0.0658

Inverse Universe

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



17.5951, 16.3840, 17.5652



29.4071, 26.4386, 28.0987



18.0156, 17.7421, 16.1110



4.7134, 4.7050, 5.1030



9.4482, 4.8436, 1.6666



0.0351, 0.0177, 0.0185

Previews

White Background



This preview shows how the XYZ color 17.9610, 21.0731, 22.8595 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 17.9610, 21.0731, 22.8595 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

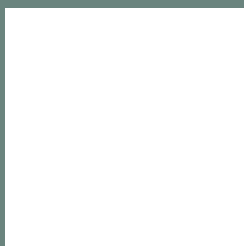
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9610, 21.0731, 22.8595

Background



This preview shows how black text looks on a background with the XYZ color 17.9610, 21.0731, 22.8595.



This preview shows how white text looks on a background with the XYZ color 17.9610, 21.0731,

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

17.9610, 21.0731, 22.8595

Protanopia

20.0270, 20.9940, 21.4091

Deuteranopia

21.3370, 20.8809, 23.3279



Tritanopia

19.0229, 21.1099, 27.8829

Trichromacy



Original Color

17.9610, 21.0731, 22.8595

Protanomaly

19.1795, 20.9334, 21.7686

Deuteranomaly

19.8958, 20.8896, 23.0622

Tritanomaly

18.6738, 21.1700, 26.0237

Monochromacy



Original Color

17.9610, 21.0731, 22.8595

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6272, 20.4413, 22.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9610, 21.0731, 22.8595 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(106, 132, 126) looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 126)  
}
```

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(106, 132, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.9610, 21.0731, 22.8595 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(106, 132, 126) }
```


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

```
.border{ border-color:rgb(106, 132, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 132, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 126);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9610, 21.0731, 22.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 132, 126) }
```

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

```
.background{ background-color: rgb(106,  
132, 126) }
```

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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