

Converting Colors

XYZ(17.8912, 21.1450, 22.2020)

Have a look what the booklet for
XYZ(17.8912, 21.1450, 22.2020)
contains.

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Color

**XYZ(17.8332, 21.0219,
22.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	6A847C
RGB	106, 132, 124
RGB Percent	42%, 52%, 49%
CMY	0.5843, 0.4823, 0.5137
CMYK	0.20, 0.00, 0.06, 0.48
HSL	162°, 11%, 47%
HSV	162°, 20%, 52%
XYZ	17.8332, 21.0219, 22.1865
YIQ	123.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

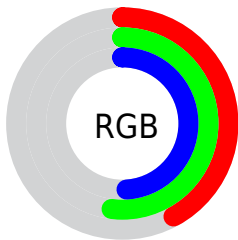
Format	Color
R_{YB}	106, 121, 132
Decimal	6980732
CIE Lab	52.97, -11.06, 1.23
CIE LCh	53, 11.125, 173.654
Yxy	21.0219, 0.2921, 0.3444
Android (android.graphics.Color)	4285170812 (0xFF6A847C)
YUV	123.3140, 0.3382, -15.1844
Hunter-Lab	45.8496, -10.8094, 3.4045

Details

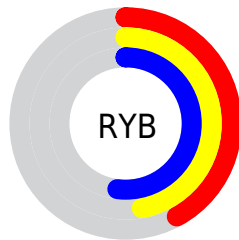
The XYZ color **17.8332, 21.0219, 22.1865** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7077, 16.4291, 18.1583**, and the grayscale version is **18.9329, 19.9189, 21.6916**.

A 20% lighter version of the original color is **39.2860, 45.1016, 47.7092**, and **6.1082, 7.5941, 7.8005** is the 20% darker color. If you saturate the color by 10%, you get **16.1322, 20.1746, 20.7936**, and if you desaturate by 10%, it is **19.7875, 21.9997, 23.6474**.

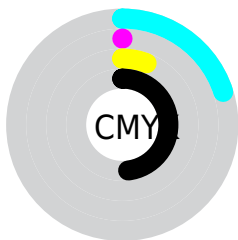
Distribution



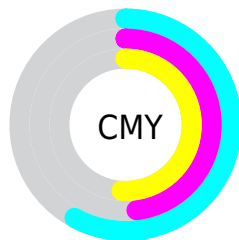
- Red (42%)
- Green (52%)
- Blue (49%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8332, 21.0219, 22.1865 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 17.8332, 21.0219, 22.1865 by changing the saturation by 10% instead.

■ 17.8332, 21.0219,
22.1865

■ 17.8332, 21.0219,
22.1865

232.9930,
257.3949, 276.5039

■ 10.9293, 13.1400,
13.7944

■ 39.2852, 45.1240,
47.9602

■ 6.0862, 7.5250,
7.8407

■ 54.5640, 62.1130,
66.1788

■ 2.9387, 3.7926,
3.9069

■ 73.3651, 82.9064,
88.5101

■ 1.1215, 1.5582,
1.5744

■ 96.0539, 107.8888,
115.3724

■ 0.0430, 0.3292,
0.2724

122.9957,
137.4444, 147.1844

■ 0.0000, 0.0000,
0.0000

154.5560,

171.9577, 184.3647

191.0999,
211.8130, 227.3316

■ 17.8332, 21.0219,
22.1865

■ 17.8332, 21.0219,
22.1865

■ 16.1322, 20.1746,
20.7936

■ 19.7875, 21.9997,
23.6474

■ 14.6715, 19.4495,
19.4662

■ 22.0038, 23.1106,
25.1759

■ 13.4398, 18.8412,
18.2034

■ 24.4924, 24.3608,
26.7738

■ 12.4240, 18.3430,
17.0040

■ 27.2626, 25.7548,
28.4420

■ 11.6097, 17.9476,
15.8665

■ 30.3234, 27.2974,
30.1816

■ 10.9806, 17.6465,
14.7896

■ 33.6832, 28.9928,
31.9936

■ 10.5179, 17.4300,
13.7716

■ 37.3501, 30.8452,
33.8789

■ 10.1667, 17.2699,
12.8092

■ 41.3319, 32.8587,
35.8385

■ 10.1564, 17.2652,
12.7809

■ 45.6362, 35.0370,
37.8733

Harmonies

Analogous

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



18.2279, 21.0219, 19.2891



17.8332, 21.0219, 22.1865



17.9956, 21.0219, 25.5646

Triad

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



17.8332, 21.0219, 22.1865



20.8942, 21.0219, 29.2923



21.3398, 21.0219, 18.0951

Complementary

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



17.8332, 21.0219, 22.1865



17.7077, 16.4291, 18.1583

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.



22.1066, 21.0219, 20.4074



17.8332, 21.0219, 22.1865



21.8424, 21.0219, 26.9116

Square

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



17.8332, 21.0219, 22.1865



19.7338, 21.0219, 29.8861



22.2940, 21.0219, 23.6067



20.2297, 21.0219, 17.0798

Rectangle

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



17.8332, 21.0219, 22.1865



18.4013, 21.0219, 27.6164



22.2940, 21.0219, 23.6067



21.6480, 21.0219, 18.7349

Sweetspot

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



17.8338, 21.0228, 22.1870



36.1914, 39.4205, 42.5986



17.8233, 21.1371, 16.7765



8.3788, 9.1542, 9.8848



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.



17.8338, 21.0228, 22.1870



29.9084, 36.2794, 37.8786



17.7289, 19.9700, 24.7509



4.7422, 5.2551, 5.6537



9.8359, 16.7172, 12.3875



0.0373, 0.0592, 0.0602

Inverse Universe

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



17.7077, 16.4291, 18.1583



29.6415, 26.5324, 29.3335



17.7769, 17.2647, 16.0315



4.7272, 4.7106, 5.1759



9.5970, 4.9031, 2.4500



0.0362, 0.0182, 0.0241

Previews

White Background



This preview shows how the XYZ color 17.8332, 21.0219, 22.1865 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 17.8332, 21.0219, 22.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

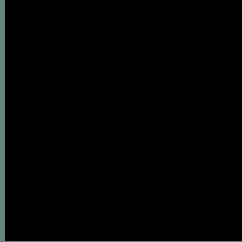
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8332, 21.0219, 22.1865

Background



This preview shows how black text looks on a background with the XYZ color 17.8332, 21.0219, 22.1865.

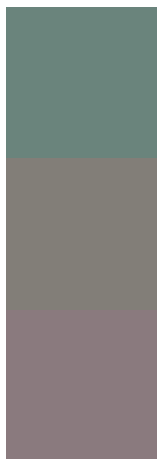


This preview shows how white text looks on a background with the XYZ color 17.8332, 21.0219,

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

17.8332, 21.0219, 22.1865

Protanopia

20.0569, 21.0236, 20.7701

Deuteranopia

21.2067, 20.8287, 22.6413



Tritanopia

19.0229, 21.1099, 27.8829

Trichromacy



Original Color

17.8332, 21.0219, 22.1865

Protanomaly

19.0555, 20.8838, 21.1158

Deuteranomaly

19.7667, 20.8380, 22.3824

Tritanomaly

18.6037, 21.1420, 25.6545

Monochromacy



Original Color

17.8332, 21.0219, 22.1865

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3721, 20.1337, 21.6568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8332, 21.0219, 22.1865 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.8332, 21.0219, 22.1865 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, 124) }
```


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

```
.border{ border-color:rgb(106, 132, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8332, 21.0219, 22.1865 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, 124) }
```

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

```
.background{ background-color: rgb(106,  
132, 124) }
```

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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