

Converting Colors

XYZ(17.4179, 22.2039, 16.9549)

Have a look what the booklet for
XYZ(17.4179, 22.2039, 16.9549)
contains.

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Color

**XYZ(17.3989, 22.1606,
16.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	688A6A
RGB	104, 138, 106
RGB Percent	41%, 54%, 42%
CMY	0.5922, 0.4588, 0.5843
CMYK	0.25, 0.00, 0.23, 0.46
HSL	124°, 14%, 47%
HSV	124°, 25%, 54%
XYZ	17.3989, 22.1606, 16.9961
YIQ	124.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

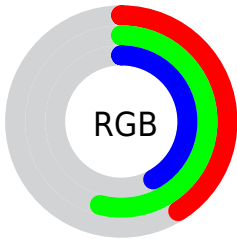
Format	Color
RYB	104, 136, 138
Decimal	6851178
CIELab	54.20, -18.67, 13.34
CIElCh	54, 22.951, 144.453
Yxy	22.1606, 0.3076, 0.3918
Android (android.graphics.Color)	4285041258 (0xFF688A6A)
YUV	124.1860, -8.9657, -17.7031
Hunter-Lab	47.0750, -16.4079, 11.5463

Details

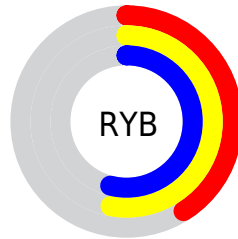
The XYZ color **17.3989, 22.1606, 16.9961** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8762, 17.0819, 25.5429**, and the grayscale version is **19.2520, 20.2546, 22.0573**.

A 20% lighter version of the original color is **38.6457, 47.2015, 38.9722**, and **5.9100, 8.1360, 5.3966** is the 20% darker color. If you saturate the color by 10%, you get **15.3012, 21.1521, 13.6353**, and if you desaturate by 10%, it is **19.8623, 23.3471, 20.9091**.

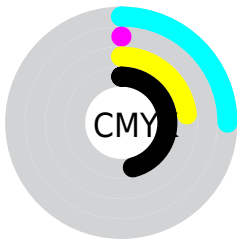
Distribution



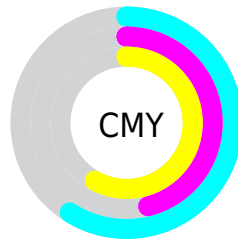
- Red (41%)
- Green (54%)
- Blue (42%)



- Red (41%)
- Yellow (53%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (46%)



- Cyan (59%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3989, 22.1606, 16.9961 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 17.3989, 22.1606, 16.9961 by changing the saturation by 10% instead.

■ 17.3989, 22.1606,
16.9961

■ 17.3989, 22.1606,
16.9961

230.5724,
263.3838, 247.1931

■ 10.6164, 13.9750,
10.0698

■ 38.5485, 47.0113,
39.1096

■ 5.8749, 8.1032,
5.3390

■ 53.6463, 64.4451,
55.1339

■ 2.8091, 4.1611,
2.3853

■ 72.2466, 85.7305,
75.0280

■ 1.0536, 1.7641,
0.7784

■ 94.7147, 111.2517,
99.2103

■ 0.0000, 0.4646,
0.0000

121.4160,
141.3933, 128.0994

■ 0.0000, 0.0000,
0.0000

152.7158,

176.5396, 162.1139

188.9795,
217.0750, 201.6723

■ 17.3989, 22.1606,
16.9961

■ 17.3989, 22.1606,
16.9961

■ 15.3012, 21.1521,
13.6353

■ 19.8623, 23.3471,
20.9091

■ 13.5502, 20.3103,
10.8003

■ 22.7057, 24.7166,
25.3959

■ 12.1275, 19.6271,
8.4652

■ 25.9451, 26.2774,
30.4790

■ 11.0129, 19.0926,
6.6008

■ 29.5947, 28.0364,
36.1790

■ 10.1833, 18.6956,
5.1752

■ 33.6682, 30.0004,
42.5156

■ 9.6129, 18.4236,
4.1526

■ 38.1786, 32.1755,
49.5078

■ 9.2683, 18.2603,
3.4912

■ 43.1384, 34.5678,
57.1735

■ 9.1334, 18.1956,
3.2639

■ 48.5596, 37.1832,
65.5302

■ 54.4536, 40.0272,
74.5945

Harmonies

Analogous

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



19.1406, 22.1606, 13.6663



17.3989, 22.1606, 16.9961



16.6435, 22.1606, 22.8264

Triad

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



17.3989, 22.1606, 16.9961



20.6030, 22.1606, 40.5328



25.7343, 22.1606, 18.8813

Complementary

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



17.3989, 22.1606, 16.9961



19.8762, 17.0819, 25.5429

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.



26.2028, 22.1606, 25.4805



17.3989, 22.1606, 16.9961



23.1100, 22.1606, 38.9060

Square

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



17.3989, 22.1606, 16.9961



18.3975, 22.1606, 37.1098



25.2084, 22.1606, 33.0218



23.9742, 22.1606, 14.5950

Rectangle

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



17.3989, 22.1606, 16.9961



16.7542, 22.1606, 27.7198



25.2084, 22.1606, 33.0218



26.0536, 22.1606, 20.8627

Sweetspot

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



17.3995, 22.1615, 16.9966



38.6980, 42.9281, 42.6798



21.7902, 24.4369, 16.6652



8.6257, 9.6025, 9.4877



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.



17.3995, 22.1615, 16.9966



28.3731, 37.9575, 26.2880



18.3544, 22.5435, 22.0252



4.9830, 5.6127, 5.4316



8.3756, 16.6828, 3.0027



0.0570, 0.1114, 0.0271

Inverse Universe

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



19.8762, 17.0819, 25.5429



33.5745, 27.2877, 44.2349



18.7800, 16.6435, 19.7706



5.2214, 5.1240, 6.2541



13.2986, 6.4296, 19.8745



0.0901, 0.0434, 0.1415

Previews

White Background



This preview shows how the XYZ color 17.3989, 22.1606, 16.9961 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 17.3989, 22.1606, 16.9961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

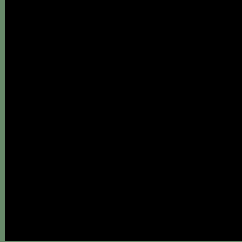
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3989, 22.1606, 16.9961

Background



This preview shows how black text looks on a background with the XYZ color 17.3989, 22.1606, 16.9961.



This preview shows how white text looks on a background with the XYZ color 17.3989, 22.1606, 16.9961.

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

17.3989, 22.1606, 16.9961

Protanopia

20.7298, 22.0631, 15.7364

Deuteranopia

22.3624, 21.9090, 17.5182



Tritanopia

19.9771, 22.1682, 29.6115

Trichromacy



Original Color

17.3989, 22.1606, 16.9961

Protanomaly

19.3036, 21.9174, 16.0450

Deuteranomaly

20.2299, 21.7698, 17.3231

Tritanomaly

18.8776, 22.1278, 24.3952

Monochromacy



Original Color

17.3989, 22.1606, 16.9961

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3973, 20.7668, 19.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3989, 22.1606, 16.9961 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(104, 138, 106)` looks like.

```
.text, #text, p{  
    color:rgb(104, 138, 106)  
}
```

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(104, 138, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 138, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.3989, 22.1606, 16.9961 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(104, 138, 106) }
```


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

```
.border{ border-color:rgb(104, 138, 106) }
```

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

Here you see how a box with a 4 pixel rgb(104, 138, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 138, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 138, 106);  
box-shadow:4px 4px 4px 4px rgb(104, 138,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3989, 22.1606, 16.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 138, 106) }
```

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

```
.background{ background-color: rgb(104,  
138, 106) }
```

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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