

Converting Colors

XYZ(22.1699, 17.8586, 18.8871)

Have a look what the booklet for
XYZ(22.1699, 17.8586, 18.8871)
contains.

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Color

**XYZ(22.2068, 17.8489,
18.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	A06474
RGB	160, 100, 116
RGB Percent	63%, 39%, 45%
CMY	0.3725, 0.6078, 0.5451
CMYK	0.00, 0.37, 0.27, 0.37
HSL	344°, 24%, 51%
HSV	344°, 37%, 63%
XYZ	22.2068, 17.8489, 18.7978
YIQ	119.7640, 30.6240, 17.6960

Conversions

Conversions Part 2

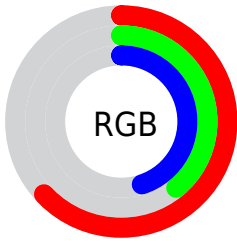
Format	Color
RYB	160, 100, 116
Decimal	10511476
CIELab	49.31, 26.44, 1.24
CIELCh	49, 26.465, 2.693
Yxy	17.8489, 0.3773, 0.3033
Android (android.graphics.Color)	4288701556 (0xFFA06474)
YUV	119.7640, -1.8557, 35.2870
Hunter-Lab	42.2480, 19.8911, 3.1931

Details

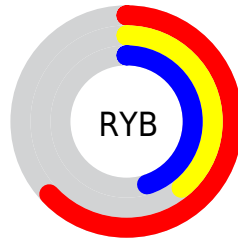
The XYZ color **22.2068, 17.8489, 18.7978** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8612, 29.8650, 30.9467**, and the grayscale version is **17.7766, 18.7024, 20.3669**.

A 20% lighter version of the original color is **46.6150, 39.8826, 42.2870**, and **8.3348, 5.9991, 6.1875** is the 20% darker color. If you saturate the color by 10%, you get **20.1802, 14.8198, 14.9648**, and if you desaturate by 10%, it is **24.6220, 21.5169, 23.1862**.

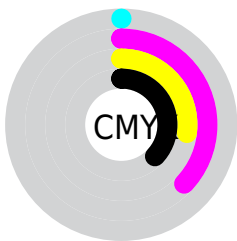
Distribution



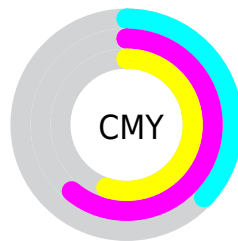
- Red (63%)
- Green (39%)
- Blue (45%)



- Red (63%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (37%)



- Cyan (37%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2068, 17.8489, 18.7978 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 22.2068, 17.8489, 18.7978 by changing the saturation by 10% instead.

■ 22.2068, 17.8489,
18.7978

■ 22.2068, 17.8489,
18.7978

256.2364,
240.0180, 257.7156

■ 14.1264, 10.8416,
11.3489

■ 46.5639, 39.7797,
42.2243

■ 8.2909, 5.9604,
6.1849

■ 63.5712, 55.4719,
59.0390

■ 4.3350, 2.8210,
2.8873

■ 84.2850, 74.8279,
79.8127

■ 1.8934, 1.0390,
1.0374

■ 109.0704, 98.2321,
104.9640

■ 0.5730, 0.0000,
0.0000

138.2929,
126.0687, 134.9114

■ 0.0000, 0.0000,
0.0000

172.3179,

158.7224, 170.0734

211.5106,
196.5773, 210.8687

■ 22.2068, 17.8489,
18.7978

■ 22.2068, 17.8489,
18.7978

■ 20.1802, 14.8198,
14.9648

■ 24.6220, 21.5169,
23.1862

■ 18.5198, 12.3904,
11.6633

■ 27.4437, 25.8551,
28.1502

■ 17.2031, 10.5210,
8.8692


■ 30.6903, 30.8958,
33.7105

■ 16.2045, 9.1661,
6.5560


■ 34.3787, 36.6682,
39.8864


■ 15.4943, 8.2728,
4.6945

■ 38.5250, 43.2002,
46.6961


 15.0260, 7.7546,
3.2481

 43.1443, 50.5179,
54.1573

 14.9271, 7.6456,
2.9420

 48.2510, 58.6465,
62.2869

 53.8589, 67.6097,
71.1010

 59.9815, 77.4306,
80.6155

Harmonies

Analogous

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



21.5811, 17.8489, 26.4226



22.2068, 17.8489, 18.7978



21.3183, 17.8489, 12.9331

Triad

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



22.2068, 17.8489, 18.7978



14.5096, 17.8489, 10.0333



14.8632, 17.8489, 34.3291

Complementary

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



22.2068, 17.8489, 18.7978



22.8612, 29.8650, 30.9467

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.



13.2485, 17.8489, 27.8147



22.2068, 17.8489, 18.7978



13.0588, 17.8489, 13.8017

Square

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



22.2068, 17.8489, 18.7978



16.7411, 17.8489, 8.7090



12.6204, 17.8489, 20.0852



17.1906, 17.8489, 36.5861

Rectangle

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



22.2068, 17.8489, 18.7978



20.0330, 17.8489, 10.4461



12.6204, 17.8489, 20.0852



14.2271, 17.8489, 32.4973

Sweetspot

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



22.2073, 17.8498, 18.7982



53.4427, 52.5455, 57.3294



22.4046, 17.5827, 35.4708



11.5571, 11.2698, 12.2934



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.2073, 17.8498, 18.7982



37.1946, 27.7287, 28.2388



22.8154, 20.4292, 14.7984



6.7021, 6.6738, 7.2823



11.6441, 5.9622, 2.3771



0.2243, 0.1130, 0.1271

Inverse Universe

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



22.2073, 17.8498, 18.7982



37.1946, 27.7287, 28.2388



21.8803, 25.8058, 37.0857



6.7021, 6.6738, 7.2823



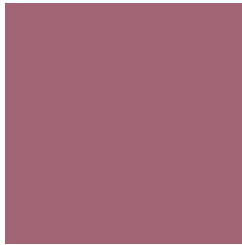
11.6441, 5.9622, 2.3771



0.2243, 0.1130, 0.1271

Previews

White Background



This preview shows how the XYZ color 22.2068, 17.8489, 18.7978 looks on a white background.

Color Contrast Check

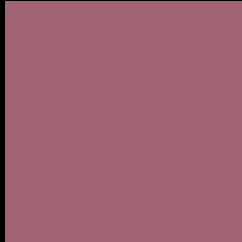
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.2068, 17.8489, 18.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

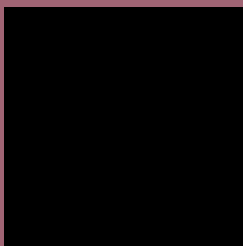
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2068, 17.8489, 18.7978

Background



This preview shows how black text looks on a background with the XYZ color 22.2068, 17.8489, 18.7978.



This preview shows how white text looks on a background with the XYZ color 22.2068, 17.8489,

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

22.2068, 17.8489, 18.7978

Protanopia

17.4633, 18.0108, 22.2947

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

21.7121, 17.7824, 16.7560

Trichromacy



Original Color

22.2068, 17.8489, 18.7978

Protanomaly

18.8702, 17.7606, 20.8459

Deuteranomaly

19.5477, 17.8378, 18.6324

Tritanomaly

21.8764, 17.8481, 17.6213

Monochromacy



Original Color

22.2068, 17.8489, 18.7978

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2266, 18.2931, 19.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2068, 17.8489, 18.7978 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(160, 100, 116)` looks like.

```
.text, #text, p{  
    color:rgb(160, 100, 116)  
}
```

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(160, 100, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 100, 116) }
```

Border

The CSS property to change the border of an element to XYZ 22.2068, 17.8489, 18.7978 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(160, 100, 116) }
```


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

```
.border{ border-color:rgb(160, 100, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 100, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 100, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 100, 116);  
box-shadow:4px 4px 4px 4px rgb(160, 100,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2068, 17.8489, 18.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 100, 116) }
```

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

```
.background{ background-color: rgb(160,  
100, 116) }
```

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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