

Converting Colors

XYZ(18.8294, 22.9591, 18.0243)

Have a look what the booklet for
XYZ(18.8294, 22.9591, 18.0243)
contains.

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Color

**XYZ(18.7882, 22.8585,
17.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	728A6D
RGB	114, 138, 109
RGB Percent	45%, 54%, 43%
CMY	0.5529, 0.4588, 0.5725
CMYK	0.17, 0.00, 0.21, 0.46
HSL	110°, 12%, 48%
HSV	110°, 21%, 54%
XYZ	18.7882, 22.8585, 17.8899
YIQ	127.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

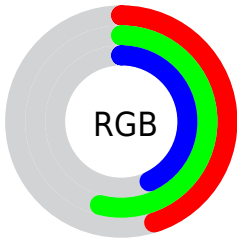
Format	Color
RYB	109, 138, 133
Decimal	7506541
CIELab	54.93, -14.45, 12.75
CIELCh	55, 19.270, 138.594
Yxy	22.8585, 0.3156, 0.3839
Android (android.graphics.Color)	4285696621 (0xFF728A6D)
YUV	127.5180, -9.1294, -11.8553
Hunter-Lab	47.8106, -13.5230, 11.2821

Details

The XYZ color **18.7882, 22.8585, 17.8899** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.7300, 17.7595, 26.4340**, and the grayscale version is **20.3833, 21.4449, 23.3534**.

A 20% lighter version of the original color is **40.7897, 47.9418, 40.8221**, and **6.5788, 8.4746, 5.7039** is the 20% darker color. If you saturate the color by 10%, you get **16.7090, 21.8665, 14.2144**, and if you desaturate by 10%, it is **21.1709, 23.9948, 22.1895**.

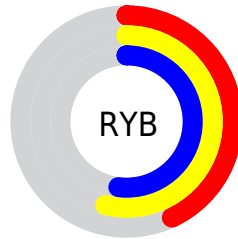
Distribution



Red (45%)

Green (54%)

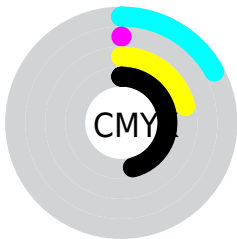
Blue (43%)



Red (43%)

Yellow (54%)

Blue (52%)

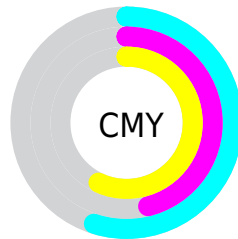


Cyan (17%)

Magenta (0%)

Yellow (21%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7882, 22.8585, 17.8899 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 18.7882, 22.8585, 17.8899 by changing the saturation by 10% instead.

■ 18.7882, 22.8585,
17.8899

■ 18.7882, 22.8585,
17.8899

238.2376,
266.9974, 252.4650

■ 11.6204, 14.4891,
10.7023

■ 40.8955, 48.1609,
40.6610

■ 6.5561, 8.4616,
5.7554

■ 56.5658, 65.8626,
57.0817

■ 3.2299, 4.3917,
2.6306

■ 75.8010, 87.4439,
77.4171

■ 1.2765, 1.8950,
0.9082

■ 98.9664, 113.2891,
102.0859

■ 0.1655, 0.5454,
0.0000

126.4274,
143.7827, 131.5065

■ 0.0000, 0.0000,
0.0000

158.5494,

179.3090, 166.0975

195.6977,
220.2524, 206.2775

■ 18.7882, 22.8585,
17.8899

■ 18.7882, 22.8585,
17.8899

■ 16.7090, 21.8665,
14.2144

■ 21.1709, 23.9948,
22.1895

■ 14.9191, 21.0101,
11.1326

■ 23.8667, 25.2778,
27.1387

■ 13.4062, 20.2844,
8.6138

■ 26.8872, 26.7135,
32.7634

■ 12.1560, 19.6826,
6.6239

■ 30.2427, 28.3069,
39.0878

■ 11.1532, 19.1978,
5.1252

■ 33.9433, 30.0624,
46.1346

■ 10.3807, 18.8220,
4.0749

■ 37.9983, 31.9847,
53.9259

■ 9.8191, 18.5463,
3.4230

■ 42.4170, 34.0778,
62.4824

■ 9.4606, 18.3695,
3.0470

■ 47.2082, 36.3459,
71.8243

■ 52.3803, 38.7930,
81.9709

Harmonies

Analogous

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



20.4424, 22.8585, 15.3197



18.7882, 22.8585, 17.8899



17.9427, 22.8585, 22.6340

Triad

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



18.7882, 22.8585, 17.8899



20.9239, 22.8585, 38.2963



25.8576, 22.8585, 21.3225

Complementary

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



18.7882, 22.8585, 17.8899



19.7300, 17.7595, 26.4340

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.



26.0076, 22.8585, 27.2891



18.7882, 22.8585, 17.8899



23.0629, 22.8585, 37.7896

Square

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



18.7882, 22.8585, 17.8899



19.1208, 22.8585, 34.7984



24.9558, 22.8585, 33.5103



24.5584, 22.8585, 17.0658

Rectangle

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



18.7882, 22.8585, 17.8899



17.9120, 22.8585, 26.6891



24.9558, 22.8585, 33.5103



26.0471, 22.8585, 23.1718

Sweetspot

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



18.7888, 22.8595, 17.8904



39.5674, 43.3650, 43.2282



21.5868, 23.1970, 17.8081



8.8179, 9.6995, 9.5916



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.



18.7888, 22.8595, 17.8904



31.3956, 39.4704, 28.4724



18.6768, 22.7416, 20.6025



5.0471, 5.6470, 5.3764



8.6829, 16.8462, 2.7940



0.0664, 0.1164, 0.0190

Inverse Universe

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



19.7300, 17.7595, 26.4340



33.3468, 28.8865, 46.2013



19.9010, 17.9213, 23.1162



5.1507, 5.0861, 6.3161



10.6046, 4.9810, 22.4482



0.0808, 0.0384, 0.1496

Previews

White Background



This preview shows how the XYZ color 18.7882, 22.8585, 17.8899 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 18.7882, 22.8585, 17.8899 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 18.7882, 22.8585, 17.8899

Background



This preview shows how black text looks on a background with the XYZ color 18.7882, 22.8585, 17.8899.



This preview shows how white text looks on a background with the XYZ color 18.7882, 22.8585,

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

18.7882, 22.8585, 17.8899

Protanopia

21.3653, 22.7622, 16.9031

Deuteranopia

23.0926, 22.6487, 18.1935



Tritanopia

21.1673, 22.7817, 29.6672

Trichromacy



Original Color

18.7882, 22.8585, 17.8899

Protanomaly

20.3849, 22.8576, 17.2475

Deuteranomaly

21.2783, 22.4943, 17.9722

Tritanomaly

20.2319, 22.8182, 24.8107

Monochromacy



Original Color

18.7882, 22.8585, 17.8899

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.8708, 22.0940, 21.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7882, 22.8585, 17.8899 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(114, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(114, 138, 109)  
}
```

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(114, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 138, 109) }
```

Border

The CSS property to change the border of an element to XYZ 18.7882, 22.8585, 17.8899 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(114, 138, 109) }
```


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

```
.border{ border-color:rgb(114, 138, 109) }
```

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

Here you see how a box with a 4 pixel rgb(114, 138, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(114, 138,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7882, 22.8585, 17.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 138, 109) }
```

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

```
.background{ background-color: rgb(114,  
138, 109) }
```

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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