

Converting Colors

XYZ(22.5915, 28.5130, 28.5487)

Have a look what the booklet for
XYZ(22.5915, 28.5130, 28.5487)
contains.

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Color

**XYZ(22.6882, 28.5580,
28.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9B8B
RGB	109, 155, 139
RGB Percent	43%, 61%, 55%
CMY	0.5725, 0.3921, 0.4549
CMYK	0.30, 0.00, 0.10, 0.39
HSL	159°, 19%, 52%
HSV	159°, 30%, 61%
XYZ	22.6882, 28.5580, 28.7425
YIQ	139.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

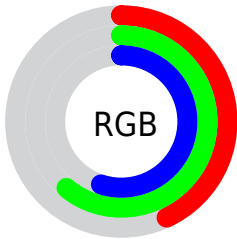
Format	Color
RYB	109, 137, 155
Decimal	7183243
CIELab	60.39, -19.10, 3.41
CIELCh	60, 19.404, 169.882
Yxy	28.5580, 0.2836, 0.3570
Android (android.graphics.Color)	4285373323 (0xFF6D9B8B)
YUV	139.4220, -0.2080, -26.6801
Hunter-Lab	53.4397, -17.7360, 5.5187

Details

The XYZ color **22.6882, 28.5580, 28.7425** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6889, 19.3872, 21.9495**, and the grayscale version is **24.7109, 25.9978, 28.3116**.

A 20% lighter version of the original color is **47.4613, 57.5803, 58.4818**, and **8.5571, 11.5517, 11.2299** is the 20% darker color. If you saturate the color by 10%, you get **20.5628, 27.5075, 26.6373**, and if you desaturate by 10%, it is **25.1709, 29.7920, 30.9671**.

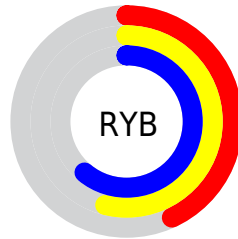
Distribution



Red (43%)

Green (61%)

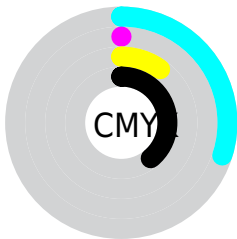
Blue (55%)



Red (43%)

Yellow (54%)

Blue (61%)

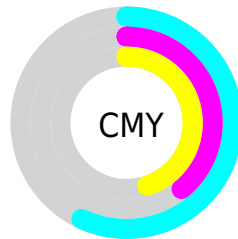


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (39%)



Cyan (57%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6882, 28.5580, 28.7425 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 22.6882, 28.5580, 28.7425 by changing the saturation by 10% instead.

■ 22.6882, 28.5580,
28.7425

■ 22.6882, 28.5580,
28.7425

258.6848,
295.1237, 310.0209

■ 14.4829, 18.7467,
18.6422

■ 47.3513, 57.3741,
58.7050

■ 8.5412, 11.4874,
11.2378

■ 64.5397, 77.1477,
79.4043

■ 4.4979, 6.3957,
6.1109

■ 85.4533, 101.0108,
104.4737

■ 1.9875, 3.0871,
2.8427

■ 110.4573,
129.3479, 134.3317

■ 0.6269, 1.1774,
1.0149

139.9171,
162.5434, 169.3969

■ 0.0000, 0.0431,
0.0000

174.1980,

■ 0.0000, 0.0000,

200.9816, 210.0878

0.0000

213.6655,
245.0469, 256.8230

■ 22.6882, 28.5580,
28.7425

■ 22.6882, 28.5580,
28.7425

■ 20.5628, 27.5075,
26.6373

■ 25.1709, 29.7920,
30.9671

■ 18.7744, 26.6277,
24.6473

■ 28.0251, 31.2145,
33.3114

■ 17.3042, 25.9098,
22.7707

■ 31.2673, 32.8346,
35.7780

■ 16.1306, 25.3427,
21.0050

■ 34.9121, 34.6600,
38.3692

■ 15.2291, 24.9137,
19.3475

■ 38.9733, 36.6977,
41.0867

■ 14.5710, 24.6081,
17.7953

■ 43.4642, 38.9545,
43.9327

■ 14.0897, 24.3916,
16.3437

■ 48.3974, 41.4369,
46.9089

■ 14.0750, 24.3850,
16.2985

■ 53.7850, 44.1511,
50.0172

■ 59.6386, 47.1030,
53.2593

Harmonies

Analogous

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



23.6367, 28.5580, 23.0533



22.6882, 28.5580, 28.7425



22.8763, 28.5580, 36.0068

Triad

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



22.6882, 28.5580, 28.7425



28.8084, 28.5580, 45.8920



30.3545, 28.5580, 21.7247

Complementary

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



22.6882, 28.5580, 28.7425



22.6889, 19.3872, 21.9495

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.



31.9109, 28.5580, 26.6512



22.6882, 28.5580, 28.7425



30.9811, 28.5580, 40.8176

Square

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



22.6882, 28.5580, 28.7425



26.3092, 28.5580, 46.6813



32.1470, 28.5580, 33.5721



27.9953, 28.5580, 19.4327

Rectangle

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



22.6882, 28.5580, 28.7425



23.6252, 28.5580, 40.7658



32.1470, 28.5580, 33.5721



30.9949, 28.5580, 23.0888

Sweetspot

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



22.6890, 28.5592, 28.7431



50.4628, 56.0365, 59.8711



22.9546, 28.9156, 18.8398



11.2533, 12.5994, 13.4181



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.6890, 28.5592, 28.7431



37.8926, 49.7883, 48.8028



22.8296, 26.8301, 34.9872



6.2932, 6.9900, 7.4677



11.3230, 19.5927, 13.1875



0.1863, 0.2997, 0.2868

Inverse Universe

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



22.6889, 19.3872, 21.9495



37.8950, 30.4998, 34.5295



22.5126, 20.5411, 17.2467



6.2931, 6.2564, 6.9235



11.4073, 5.8172, 3.4038



0.1866, 0.0934, 0.1356

Previews

White Background



This preview shows how the XYZ color 22.6882, 28.5580, 28.7425 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 22.6882, 28.5580, 28.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

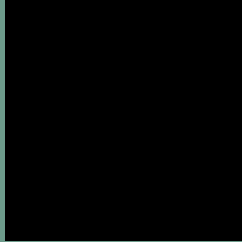
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6882, 28.5580, 28.7425

Background



This preview shows how black text looks on a background with the XYZ color 22.6882, 28.5580, 28.7425.



This preview shows how white text looks on a background with the XYZ color 22.6882, 28.5580,

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

22.6882, 28.5580, 28.7425

Protanopia

26.9367, 28.4283, 26.2578

Deuteranopia

28.7578, 28.1827, 29.5153



Tritanopia

24.7069, 28.3910, 39.2998

Trichromacy



Original Color

22.6882, 28.5580, 28.7425

Protanomaly

25.1123, 28.3951, 27.0789

Deuteranomaly

25.9176, 27.8366, 29.2063

Tritanomaly

23.8267, 28.2678, 35.2108

Monochromacy



Original Color

22.6882, 28.5580, 28.7425

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6877, 26.7041, 28.3320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6882, 28.5580, 28.7425 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(109, 155, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 155, 139)  
}
```

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(109, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 155, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.6882, 28.5580, 28.7425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

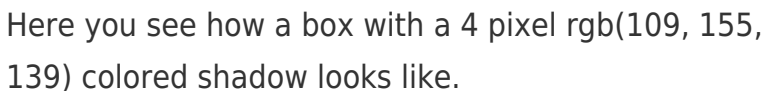
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 155, 139) }
```


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

```
.border{ border-color:rgb(109, 155, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 155, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 155, 139); box-shadow:4px 4px 4px 4px rgb(109, 155, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6882, 28.5580, 28.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 155, 139) }
```

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

```
.background{ background-color: rgb(109,  
155, 139) }
```

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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