

Converting Colors

XYZ(22.6139, 27.9768, 28.4194)

Have a look what the booklet for
XYZ(22.6139, 27.9768, 28.4194)
contains.

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Color

**XYZ(22.6608, 28.0622,
28.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	70998A
RGB	112, 153, 138
RGB Percent	44%, 60%, 54%
CMY	0.5608, 0.4000, 0.4588
CMYK	0.27, 0.00, 0.10, 0.40
HSL	158°, 17%, 52%
HSV	158°, 27%, 60%
XYZ	22.6608, 28.0622, 28.2670
YIQ	139.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

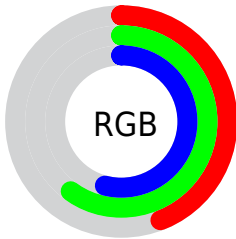
Format	Color
RYB	112, 137, 153
Decimal	7379338
CIELab	59.94, -17.31, 3.35
CIELCh	60, 17.632, 169.036
Yxy	28.0622, 0.2869, 0.3553
Android (android.graphics.Color)	4285569418 (0xFF70998A)
YUV	139.0310, -0.5083, -23.7062
Hunter-Lab	52.9738, -16.3464, 5.4443

Details

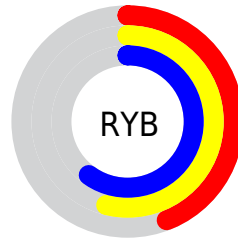
The XYZ color **22.6608, 28.0622, 28.2670** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7628, 19.8937, 22.7200**, and the grayscale version is **24.5605, 25.8395, 28.1393**.

A 20% lighter version of the original color is **47.2338, 56.3866, 57.6844**, and **8.5627, 11.2641, 10.9554** is the 20% darker color. If you saturate the color by 10%, you get **20.4823, 26.9855, 26.1039**, and if you desaturate by 10%, it is **25.1927, 29.3201, 30.5569**.

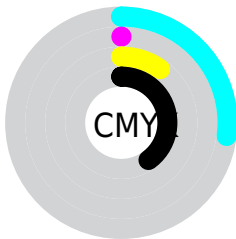
Distribution



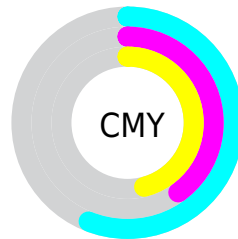
- Red (44%)
- Green (60%)
- Blue (54%)



- Red (44%)
- Yellow (54%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6608, 28.0622, 28.2670 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 22.6608, 28.0622, 28.2670 by changing the saturation by 10% instead.

■ 22.6608, 28.0622,
28.2670

■ 22.6608, 28.0622,
28.2670

258.5460,
292.7640, 307.6925

■ 14.4626, 18.3726,
18.2862

■ 47.3065, 56.5837,
57.9387

■ 8.5269, 11.2178,
10.9841

■ 64.4847, 76.1844,
78.4666

■ 4.4885, 6.2135,
5.9421

■ 85.3869, 99.8575,
103.3474

■ 1.9821, 2.9753,
2.7417

■ 110.3786,
127.9875, 132.9996

■ 0.6239, 1.1189,
0.9643

139.8249,
160.9588, 167.8416

■ 0.0000, 0.0000,
0.0000

174.0914,

199.1557, 208.2921

213.5433,
242.9626, 254.7696

■ 22.6608, 28.0622,
28.2670

■ 22.6608, 28.0622,
28.2670

■ 20.4823, 26.9855,
26.1039

■ 25.1927, 29.3201,
30.5569

■ 18.6376, 26.0778,
24.0633

■ 28.0913, 30.7639,
32.9740

■ 17.1092, 25.3308,
22.1433

■ 31.3724, 32.4024,
35.5213

■ 15.8766, 24.7340,
20.3413

■ 35.0499, 34.2427,
38.2008

■ 14.9170, 24.2756,
18.6543

■ 39.1372, 36.2918,
41.0148

■ 14.2040, 23.9422,
17.0795

■ 43.6468, 38.5559,
43.9653

■ 13.6963, 23.7124,
15.6130

■ 48.5910, 41.0415,
47.0543

■ 13.5504, 23.6470,
15.1647

■ 53.9813, 43.7544,
50.2836

■ 59.8289, 46.7004,
53.6554

Harmonies

Analogous

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



23.5483, 28.0622, 23.1562



22.6608, 28.0622, 28.2670



22.8020, 28.0622, 34.7604

Triad

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



22.6608, 28.0622, 28.2670



28.1029, 28.0622, 43.7717



29.5988, 28.0622, 22.1498

Complementary

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



22.6608, 28.0622, 28.2670



22.7628, 19.8937, 22.7200

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.



30.9575, 28.0622, 26.7032



22.6608, 28.0622, 28.2670



30.0610, 28.0622, 39.3825

Square

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



22.6608, 28.0622, 28.2670



25.8609, 28.0622, 44.3457



31.1313, 28.0622, 32.9632



27.5004, 28.0622, 19.9683

Rectangle

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



22.6608, 28.0622, 28.2670



23.4626, 28.0622, 39.0069



31.1313, 28.0622, 32.9632



30.1620, 28.0622, 23.4216

Sweetspot

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



22.6616, 28.0634, 28.2676



49.5604, 54.7204, 58.4477



23.0742, 28.4681, 19.6085



10.7757, 11.9992, 12.7690



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.6616, 28.0634, 28.2676



38.2308, 49.0919, 48.3341



22.9496, 26.7795, 34.0977



6.2886, 6.9882, 7.4433



11.2151, 19.5495, 12.6192



0.1850, 0.2992, 0.2802

Inverse Universe

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



22.7628, 19.8937, 22.7200



38.4440, 32.0140, 36.7450



22.4782, 20.7745, 18.1549



6.2976, 6.2582, 6.9471



11.4619, 5.8390, 3.6915



0.1879, 0.0939, 0.1422

Previews

White Background



This preview shows how the XYZ color 22.6608, 28.0622, 28.2670 looks on a white background.

Color Contrast Check

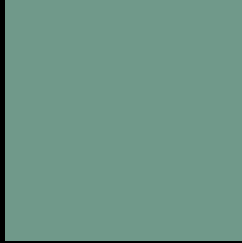
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6608, 28.0622, 28.2670 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 22.6608, 28.0622, 28.2670

Background



This preview shows how black text looks on a background with the XYZ color 22.6608, 28.0622, 28.2670.



This preview shows how white text looks on a background with the XYZ color 22.6608, 28.0622,

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

22.6608, 28.0622, 28.2670

Protanopia

26.4505, 27.7279, 26.1482

Deuteranopia

28.3384, 27.7593, 29.0638



Tritanopia

24.7641, 28.2032, 38.3210

Trichromacy



Original Color

22.6608, 28.0622, 28.2670

Protanomaly

24.9602, 27.8509, 26.9819

Deuteranomaly

25.8622, 27.5908, 28.7734

Tritanomaly

23.8866, 28.0780, 34.2976

Monochromacy



Original Color

22.6608, 28.0622, 28.2670

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6867, 26.4777, 28.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6608, 28.0622, 28.2670 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(112, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 138)  
}
```

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(112, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.6608, 28.0622, 28.2670 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(112, 153, 138) }
```


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

```
.border{ border-color:rgb(112, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(112, 153,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6608, 28.0622, 28.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 138) }
```

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

```
.background{ background-color: rgb(112,  
153, 138) }
```

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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