

Converting Colors

XYZ(22.8568, 25.2266, 27.8511)

Have a look what the booklet for
XYZ(22.8568, 25.2266, 27.8511)
contains.

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Color

**XYZ(22.8676, 25.1803,
27.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	808C8A
RGB	128, 140, 138
RGB Percent	50%, 55%, 54%
CMY	0.4980, 0.4510, 0.4588
CMYK	0.09, 0.00, 0.01, 0.45
HSL	170°, 5%, 53%
HSV	170°, 9%, 55%
XYZ	22.8676, 25.1803, 27.6998
YIQ	136.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

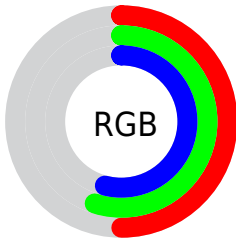
Format	Color
R_{YB}	128, 135, 140
Decimal	8424586
CIE _{Lab}	57.25, -4.76, -0.43
CIE _{LCh}	57, 4.777, 185.197
Yxy	25.1803, 0.3019, 0.3324
Android (android.graphics.Color)	4286614666 (0xFF808C8A)
YUV	136.1840, 0.8953, -7.1774
Hunter-Lab	50.1800, -6.4704, 2.3974

Details

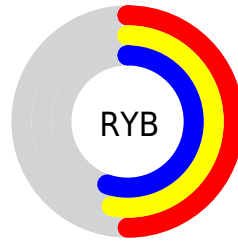
The XYZ color **22.8676, 25.1803, 27.6998** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5645, 22.6262, 24.2982**, and the grayscale version is **23.4697, 24.6920, 26.8896**.

A 20% lighter version of the original color is **47.7518, 52.1689, 56.8430**, and **8.6421, 9.6792, 10.6453** is the 20% darker color. If you saturate the color by 10%, you get **20.7383, 24.1026, 26.7274**, and if you desaturate by 10%, it is **25.2926, 26.4114, 28.7061**.

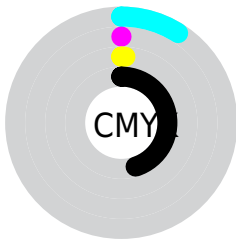
Distribution



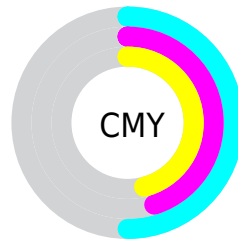
- Red (50%)
- Green (55%)
- Blue (54%)



- Red (50%)
- Yellow (53%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (50%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8676, 25.1803, 27.6998 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 22.8676, 25.1803, 27.6998 by changing the saturation by 10% instead.

■ 22.8676, 25.1803,
27.6998

■ 22.8676, 25.1803,
27.6998

259.5923,
278.7347, 304.8963

■ 14.6159, 16.2114,
17.8624

■ 47.6441, 51.9496,
57.0221

■ 8.6348, 9.6739,
10.6828

■ 64.8996, 70.5188,
77.3441

■ 4.5590, 5.1833,
5.7425

■ 85.8872, 93.0569,
101.9981

■ 2.0230, 2.3552,
2.6229

110.9721,
119.9483, 131.4026

■ 0.6468, 0.8027,
0.9042

140.5197,
151.5773, 165.9761

■ 0.0000, 0.0000,
0.0000

174.8953,

188.3285, 206.1372

214.4644,
230.5861, 252.3044

■ 22.8676, 25.1803,
27.6998

■ 22.8676, 25.1803,
27.6998

■ 20.7383, 24.1026,
26.7274

■ 25.2926, 26.4114,
28.7061

■ 18.8906, 23.1690,
25.7866

■ 28.0223, 27.7984,
29.7451

■ 17.3127, 22.3741,
24.8771

■ 31.0679, 29.3479,
30.8182

■ 15.9909, 21.7107,
23.9982

■ 34.4397, 31.0651,
31.9259

■ 14.9103, 21.1713,
23.1491

■ 38.1471, 32.9549,
33.0687

■ 14.0546, 20.7475,
22.3290

■ 42.1994, 35.0220,
34.2473

■ 13.4053, 20.4296,
21.5367

■ 46.6054, 37.2711,
35.4620

■ 12.9411, 20.2068,
20.7713

■ 51.3738, 39.7065,
36.7135

■ 12.6134, 20.0539,
20.0302

■ 56.5127, 42.3325,
38.0022

Harmonies

Analogous

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



22.9606, 25.1803, 26.1327



22.8676, 25.1803, 27.6998



23.0564, 25.1803, 29.2495

Triad

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



22.8676, 25.1803, 27.6998



24.5647, 25.1803, 30.0385



24.3917, 25.1803, 24.6891

Complementary

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



22.8676, 25.1803, 27.6998



22.5645, 22.6262, 24.2982

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.



24.8318, 25.1803, 25.6628



22.8676, 25.1803, 27.6998



24.9327, 25.1803, 28.7429

Square

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



22.8676, 25.1803, 27.6998



24.0316, 25.1803, 30.6332



25.0312, 25.1803, 27.1363



23.8349, 25.1803, 24.4343

Rectangle

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



22.8676, 25.1803, 27.6998



23.3185, 25.1803, 30.0515



25.0312, 25.1803, 27.1363



24.5584, 25.1803, 24.9412

Sweetspot

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



22.8683, 25.1814, 27.7004



42.6053, 45.5549, 49.8044



22.5118, 25.0774, 24.0764



9.7429, 10.4592, 11.4453



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.8683, 25.1814, 27.7004



39.6659, 44.0644, 48.5499



22.4688, 24.1482, 28.2890



5.1376, 5.6745, 6.2457



11.1736, 17.8020, 17.7368



0.0786, 0.1200, 0.1410

Inverse Universe

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



22.5645, 22.6262, 24.2982



39.0349, 38.7566, 41.4830



22.9365, 23.5831, 23.7656



5.0647, 5.0613, 5.4293



9.7558, 5.0124, 1.2184



0.0685, 0.0348, 0.0275

Previews

White Background



This preview shows how the XYZ color 22.8676, 25.1803, 27.6998 looks on a white background.

Color Contrast Check

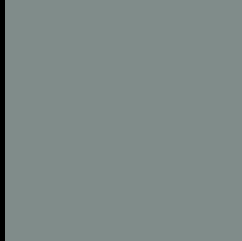
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8676, 25.1803, 27.6998 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

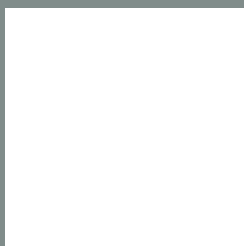
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8676, 25.1803, 27.6998

Background



This preview shows how black text looks on a background with the XYZ color 22.8676, 25.1803, 27.6998.



This preview shows how white text looks on a background with the XYZ color 22.8676, 25.1803,

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

22.8676, 25.1803, 27.6998

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

25.4422, 25.0287, 27.9162



Tritanopia

23.7192, 25.0927, 32.0270

Trichromacy



Original Color

22.8676, 25.1803, 27.6998

Protanomaly

23.7572, 25.2173, 27.2822

Deuteranomaly

24.4489, 25.1351, 27.9891

Tritanomaly

23.3967, 25.1767, 30.4145

Monochromacy



Original Color

22.8676, 25.1803, 27.6998

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1339, 24.6840, 27.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8676, 25.1803, 27.6998 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(128, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(128, 140, 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(128, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.8676, 25.1803, 27.6998 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(128, 140, 138) }
```


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

```
.border{ border-color:rgb(128, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(128, 140,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8676, 25.1803, 27.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 140, 138) }
```

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

```
.background{ background-color: rgb(128,  
140, 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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