

Converting Colors

XYZ(22.9921, 25.9601, 28.1986)

Have a look what the booklet for
XYZ(22.9921, 25.9601, 28.1986)
contains.

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Color

**XYZ(22.9401, 25.8690,
28.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8F8B
RGB	125, 143, 139
RGB Percent	49%, 56%, 55%
CMY	0.5098, 0.4392, 0.4549
CMYK	0.13, 0.00, 0.03, 0.44
HSL	167°, 7%, 53%
HSV	167°, 13%, 56%
XYZ	22.9401, 25.8690, 28.2102
YIQ	137.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

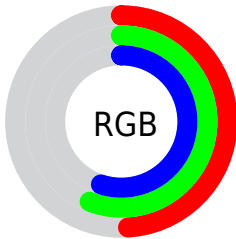
Format	Color
R_{YB}	125, 135, 143
Decimal	8228747
CIE Lab	57.91, -7.28, -0.07
CIE LCh	58, 7.282, 180.513
Yxy	25.8690, 0.2978, 0.3359
Android (android.graphics.Color)	4286418827 (0xFF7D8F8B)
YUV	137.1620, 0.9061, -10.6661
Hunter-Lab	50.8616, -8.4989, 2.7181

Details

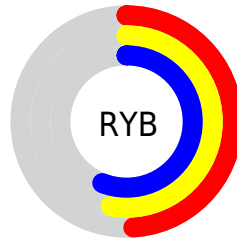
The XYZ color **22.9401, 25.8690, 28.2102** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6247, 22.0925, 23.8419**, and the grayscale version is **23.8390, 25.0804, 27.3126**.

A 20% lighter version of the original color is **47.8408, 53.2033, 57.6169**, and **8.6980, 10.0865, 10.9396** is the 20% darker color. If you saturate the color by 10%, you get **20.7722, 24.7786, 26.9141**, and if you desaturate by 10%, it is **25.4169, 27.1193, 29.5571**.

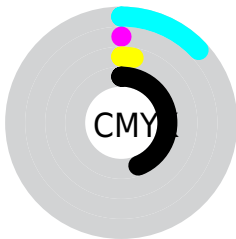
Distribution



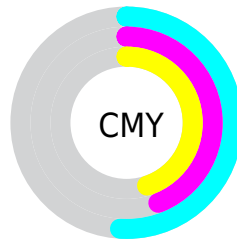
- Red (49%)
- Green (56%)
- Blue (55%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9401, 25.8690, 28.2102 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 22.9401, 25.8690, 28.2102 by changing the saturation by 10% instead.

■ 22.9401, 25.8690,
28.2102

■ 22.9401, 25.8690,
28.2102

259.9583,
282.1384, 307.4134

■ 14.6697, 16.7257,
18.2438

■ 47.7623, 53.0635,
57.8470

■ 8.6727, 10.0391,
10.9539

■ 65.0449, 71.8835,
78.3544

■ 4.5837, 5.4249,
5.9220

■ 86.0623, 94.6979,
103.2126

■ 2.0374, 2.4986,
2.7297

111.1798,
121.8909, 132.8400

■ 0.6548, 0.8760,
0.9583

140.7628,
153.8471, 167.6553

■ 0.0000, 0.0000,
0.0000

175.1766,

190.9508, 208.0769

214.7867,
233.5865, 254.5235

■ 22.9401, 25.8690,
28.2102

■ 22.9401, 25.8690,
28.2102

■ 20.7722, 24.7786,
26.9141

■ 25.4169, 27.1193,
29.5571

■ 18.8980, 23.8381,
25.6661

■ 28.2123, 28.5324,
30.9540

■ 17.3046, 23.0416,
24.4660

■ 31.3386, 30.1152,
32.4023

■ 15.9771, 22.3814,
23.3127

■ 34.8067, 31.8734,
33.9026

■ 14.8992, 21.8491,
22.2051

■ 38.6267, 33.8123,
35.4559

■ 14.0528, 21.4354,
21.1422

■ 42.8087, 35.9370,
37.0628

■ 13.4173, 21.1297,
20.1225

■ 47.3622, 38.2524,
38.7241

■ 12.9683, 20.9194,
19.1448

■ 52.2963, 40.7631,
40.4404

■ 12.7038, 20.7982,
18.4445

■ 57.6199, 43.4738,
42.2124

Harmonies

Analogous

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



23.1492, 25.8690, 25.8565



22.9401, 25.8690, 28.2102



23.1637, 25.8690, 30.6903

Triad

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



22.9401, 25.8690, 28.2102



25.4537, 25.8690, 32.5347



25.4269, 25.8690, 24.1696

Complementary

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



22.9401, 25.8690, 28.2102



22.6247, 22.0925, 23.8419

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.



26.0689, 25.8690, 25.7859



22.9401, 25.8690, 28.2102



26.0846, 25.8690, 30.6110

Square

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



22.9401, 25.8690, 28.2102



24.6028, 25.8690, 33.2762



26.3124, 25.8690, 28.1237



24.5726, 25.8690, 23.6094

Rectangle

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



22.9401, 25.8690, 28.2102



23.5311, 25.8690, 32.0600



26.3124, 25.8690, 28.1237



25.6754, 25.8690, 24.6025

Sweetspot

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



22.9408, 25.8701, 28.2108



44.8163, 48.2110, 52.5633



22.6086, 25.8095, 23.1925



10.2038, 11.0187, 12.0150



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.9408, 25.8701, 28.2108



39.9682, 45.7662, 49.8763



22.5334, 24.5785, 29.5444



5.5096, 6.0961, 6.6497



11.2400, 18.3919, 16.3498



0.1156, 0.1791, 0.1993

Inverse Universe

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



22.6247, 22.0925, 23.8419



39.2921, 37.6854, 40.5316



22.9863, 23.2332, 22.6753



5.4549, 5.4425, 5.8937



10.2508, 5.2573, 1.7060



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 22.9401, 25.8690, 28.2102 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 22.9401, 25.8690, 28.2102 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

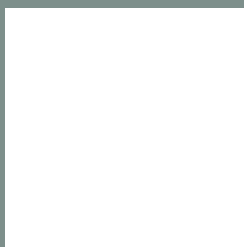
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9401, 25.8690, 28.2102

Background



This preview shows how black text looks on a background with the XYZ color 22.9401, 25.8690, 28.2102.



This preview shows how white text looks on a background with the XYZ color 22.9401, 25.8690,

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

22.9401, 25.8690, 28.2102

Protanopia

24.6877, 25.7053, 26.9530

Deuteranopia

26.2342, 25.8303, 28.8024



Tritanopia

23.9448, 25.8288, 33.4292

Trichromacy



Original Color

22.9401, 25.8690, 28.2102

Protanomaly

24.0468, 25.7966, 27.3787

Deuteranomaly

24.9774, 25.8212, 28.4785

Tritanomaly

23.5436, 25.8882, 31.3598

Monochromacy



Original Color

22.9401, 25.8690, 28.2102

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4929, 25.2868, 27.6874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9401, 25.8690, 28.2102 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(125, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 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(125, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.9401, 25.8690, 28.2102 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(125, 143, 139) }
```


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

```
.border{ border-color:rgb(125, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9401, 25.8690, 28.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 139) }
```

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

```
.background{ background-color: rgb(125,  
143, 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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