

Converting Colors

XYZ(22.9387, 25.9208, 28.4103)

Have a look what the booklet for
XYZ(22.9387, 25.9208, 28.4103)
contains.

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Color

**XYZ(22.7948, 25.7941,
28.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8F8B
RGB	124, 143, 139
RGB Percent	49%, 56%, 55%
CMY	0.5137, 0.4392, 0.4549
CMYK	0.13, 0.00, 0.03, 0.44
HSL	167°, 8%, 52%
HSV	167°, 13%, 56%
XYZ	22.7948, 25.7941, 28.2034
YIQ	136.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

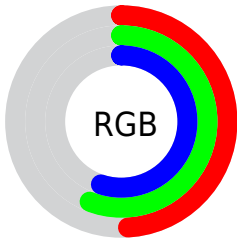
Format	Color
RYB	124, 135, 143
Decimal	8163211
CIELab	57.84, -7.63, -0.18
CIELCh	58, 7.634, 181.337
Yxy	25.7941, 0.2968, 0.3359
Android (android.graphics.Color)	4286353291 (0xFF7C8F8B)
YUV	136.8630, 1.0535, -11.2809
Hunter-Lab	50.7879, -8.7638, 2.6268

Details

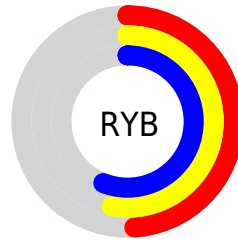
The XYZ color **22.7948, 25.7941, 28.2034** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4325, 21.8141, 23.4514**, and the grayscale version is **23.7256, 24.9611, 27.1827**.

A 20% lighter version of the original color is **47.6121, 53.0854, 57.6062**, and **8.6192, 10.0458, 10.9360** is the 20% darker color. If you saturate the color by 10%, you get **20.6593, 24.7190, 26.9708**, and if you desaturate by 10%, it is **25.2376, 27.0283, 29.4831**.

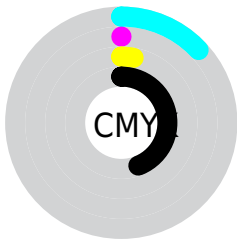
Distribution



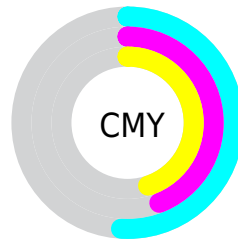
- Red (49%)
- Green (56%)
- Blue (55%)



- 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 22.7948, 25.7941, 28.2034 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 22.7948, 25.7941, 28.2034 by changing the saturation by 10% instead.

■ 22.7948, 25.7941,
28.2034

■ 22.7948, 25.7941,
28.2034

259.2244,
281.7699, 307.3800

■ 14.5619, 16.6697,
18.2387

■ 47.5253, 52.9426,
57.8360

■ 8.5968, 9.9993,
10.9503

■ 64.7537, 71.7354,
78.3410

■ 4.5341, 5.3985,
5.9196

■ 85.7112, 94.5199,
103.1964

■ 2.0085, 2.4829,
2.7283

110.7633,
121.6803, 132.8209

■ 0.6387, 0.8681,
0.9576

140.2753,
153.6011, 167.6330

■ 0.0000, 0.0000,
0.0000

174.6126,

190.6667, 208.0512

214.1405,
233.2615, 254.4940

■ 22.7948, 25.7941,
28.2034

■ 22.7948, 25.7941,
28.2034

■ 20.6593, 24.7190,
26.9708

■ 25.2376, 27.0283,
29.4831

■ 18.8160, 23.7931,
25.7828

■ 27.9975, 28.4246,
30.8090

■ 17.2518, 23.0104,
24.6389

■ 31.0868, 29.9900,
32.1825

■ 15.9517, 22.3632,
23.5384

■ 34.5164, 31.7301,
33.6043

■ 14.8993, 21.8430,
22.4801

■ 38.2965, 33.6502,
35.0752

■ 14.0765, 21.4405,
21.4628

■ 42.4372, 35.7555,
36.5958

■ 13.4623, 21.1449,
20.4855

■ 46.9480, 38.0507,
38.1668

■ 13.0321, 20.9435,
19.5466

■ 51.8381, 40.5408,
39.7889

■ 12.7970, 20.8356,
18.9356

■ 57.1162, 43.2302,
41.4627

Harmonies

Analogous

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



23.0009, 25.7941, 25.7310



22.7948, 25.7941, 28.2034



23.0404, 25.7941, 30.7958

Triad

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



22.7948, 25.7941, 28.2034



25.4455, 25.7941, 32.6256



25.3725, 25.7941, 23.8813

Complementary

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



22.7948, 25.7941, 28.2034



22.4325, 21.8141, 23.4514

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.



26.0544, 25.7941, 25.5389



22.7948, 25.7941, 28.2034



26.0973, 25.7941, 30.5792

Square

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



22.7948, 25.7941, 28.2034



24.5577, 25.7941, 33.4453



26.3228, 25.7941, 27.9677



24.4754, 25.7941, 23.3311

Rectangle

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



22.7948, 25.7941, 28.2034



23.4308, 25.7941, 32.2180



26.3228, 25.7941, 27.9677



25.6353, 25.7941, 24.3222

Sweetspot

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



22.7955, 25.7952, 28.2040



44.8254, 48.2147, 52.6116



22.3810, 25.6995, 22.8500



10.2063, 11.0197, 12.0280



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.



22.7955, 25.7952, 28.2040



39.5974, 45.5758, 49.8242



22.3044, 24.3363, 29.5097



5.5123, 6.0971, 6.6635



11.3222, 18.4247, 16.7825



0.1161, 0.1793, 0.2019

Inverse Universe

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



22.4325, 21.8141, 23.4514



38.8147, 36.9893, 39.5750



22.8675, 23.0973, 22.3220



5.4525, 5.4415, 5.8808



10.2310, 5.2494, 1.6021



0.1046, 0.0529, 0.0510

Previews

White Background



This preview shows how the XYZ color 22.7948, 25.7941, 28.2034 looks on a white background.

Color Contrast Check

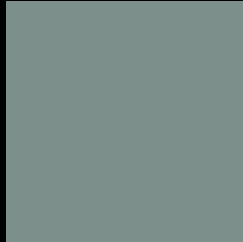
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7948, 25.7941, 28.2034 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

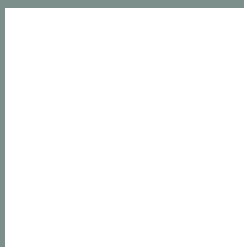
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7948, 25.7941, 28.2034

Background



This preview shows how black text looks on a background with the XYZ color 22.7948, 25.7941, 28.2034.



This preview shows how white text looks on a background with the XYZ color 22.7948, 25.7941,

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

22.7948, 25.7941, 28.2034

Protanopia

24.6877, 25.7053, 26.9530

Deuteranopia

26.0953, 25.5526, 28.7561



Tritanopia

23.7966, 25.7524, 33.4223

Trichromacy



Original Color

22.7948, 25.7941, 28.2034

Protanomaly

23.8851, 25.7132, 27.3712

Deuteranomaly

24.6638, 25.4475, 28.4229

Tritanomaly

23.3969, 25.8126, 31.3529

Monochromacy



Original Color

22.7948, 25.7941, 28.2034

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3358, 25.2057, 27.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7948, 25.7941, 28.2034 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(124, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.7948, 25.7941, 28.2034 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(124, 143, 139) }
```


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

```
.border{ border-color:rgb(124, 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(124, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7948, 25.7941, 28.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 143, 139) }
```

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

```
.background{ background-color: rgb(124,  
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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