

Converting Colors

XYZ(22.5104, 25.1232, 28.2770)

Have a look what the booklet for
XYZ(22.5104, 25.1232, 28.2770)
contains.

| | |
|--|----|
| XYZ(22.4973, 25.1989, 28.1042) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(22.4973, 25.1989,
28.1042)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7C8D8B |
| RGB | 124, 141, 139 |
| RGB Percent | 49%, 55%, 55% |
| CMY | 0.5137, 0.4470, 0.4549 |
| CMYK | 0.12, 0.00, 0.01, 0.45 |
| HSL | 173°, 7%, 52% |
| HSV | 173°, 12%, 55% |
| XYZ | 22.4973, 25.1989, 28.1042 |
| YIQ | 135.6890, -9.4900, -4.2260 |

Conversions

Conversions Part 2

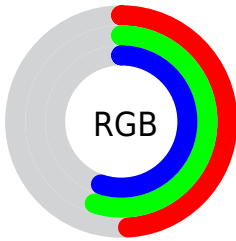
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 124, 133, 141 |
| Decimal | 8162699 |
| CIE Lab | 57.27, -6.52, -1.02 |
| CIE LCh | 57, 6.601, 188.848 |
| Yxy | 25.1989, 0.2968, 0.3324 |
| Android (android.graphics.Color) | 4286352779 (0xFF7C8D8B) |
| YUV | 135.6890, 1.6323, -10.2513 |
| Hunter-Lab | 50.1985, -7.8496, 1.9448 |

Details

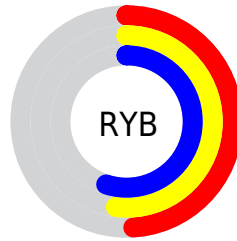
The XYZ color **22.4973, 25.1989, 28.1042** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9590, 21.5852, 22.7489**, and the grayscale version is **23.2827, 24.4952, 26.6753**.

A 20% lighter version of the original color is **47.1610, 52.1831, 57.4559**, and **8.4459, 9.6993, 10.8782** is the 20% darker color. If you saturate the color by 10%, you get **20.4833, 24.1752, 27.3819**, and if you desaturate by 10%, it is **24.8060, 26.3756, 28.8510**.

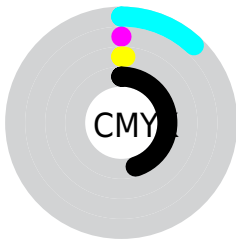
Distribution



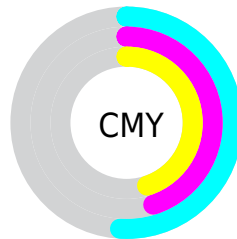
- Red (49%)
- Green (55%)
- Blue (55%)



- Red (49%)
- Yellow (52%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4973, 25.1989, 28.1042 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 22.4973, 25.1989, 28.1042 by changing the saturation by 10% instead.

■ 22.4973, 25.1989,
28.1042

■ 22.4973, 25.1989,
28.1042

257.7162,
278.8270, 306.8921

■ 14.3414, 16.2253,
18.1645

■ 47.0393, 51.9797,
57.6759

■ 8.4418, 9.6837,
10.8975

■ 64.1562, 70.5557,
78.1449

■ 4.4331, 5.1898,
5.8846

■ 84.9907, 93.1013,
102.9608

■ 1.9499, 2.3590,
2.7074

109.9083,
120.0009, 132.5421

■ 0.6056, 0.8047,
0.9472

139.2743,
151.6389, 167.3073

■ 0.0000, 0.0000,
0.0000

173.4540,

188.3996, 207.6750

212.8129,
230.6675, 254.0638

■ 22.4973, 25.1989,
28.1042

■ 22.4973, 25.1989,
28.1042

■ 20.4833, 24.1752,
27.3819

■ 24.8060, 26.3756,
28.8510

■ 18.7495, 23.2951,
26.6817

■ 27.4188, 27.7083,
29.6211

■ 17.2835, 22.5529,
26.0036

■ 30.3474, 29.2034,
30.4158

■ 16.0709, 21.9411,
25.3469

■ 33.6022, 30.8666,
31.2354

■ 15.0963, 21.4517,
24.7108

■ 37.1931, 32.7028,
32.0806

■ 14.3422, 21.0758,
24.0944

■ 41.1297, 34.7169,
32.9518

■ 13.7891, 20.8033,
23.4967

■ 45.4210, 36.9138,
33.8494

■ 13.4137, 20.6222,
22.9167

■ 50.0758, 39.2978,
34.7740

■ 13.1887, 20.5160,
22.4661

■ 55.1027, 41.8734,
35.7259

Harmonies

Analogous

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



22.5773, 25.1989, 25.9144



22.4973, 25.1989, 28.1042



22.8001, 25.1989, 30.2246

Triad

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



22.4973, 25.1989, 28.1042



24.9052, 25.1989, 30.9252



24.4968, 25.1989, 23.6183

Complementary

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



22.4973, 25.1989, 28.1042



21.9590, 21.5852, 22.7489

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.



25.1396, 25.1989, 24.8269



22.4973, 25.1989, 28.1042



25.3789, 25.1989, 29.0188

Square

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



22.4973, 25.1989, 28.1042



24.1825, 25.1989, 31.9104



25.4656, 25.1989, 26.7811



23.7205, 25.1989, 23.4031

Rectangle

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



22.4973, 25.1989, 28.1042



23.1823, 25.1989, 31.2852



25.4656, 25.1989, 26.7811



24.7361, 25.1989, 23.9186

Sweetspot

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



22.4980, 25.2000, 28.1048



43.5397, 46.7829, 51.3906



21.8074, 24.9620, 22.7381



9.6595, 10.4159, 11.4577



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.



22.4980, 25.2000, 28.1048



39.4344, 44.6923, 50.0348



21.7522, 23.4720, 28.5845



5.5333, 6.1055, 6.7742



12.0288, 18.7074, 20.5037



0.1200, 0.1809, 0.2224

Inverse Universe

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



21.9590, 21.5852, 22.7489



38.3068, 37.1298, 38.8303



22.6372, 23.1463, 22.3439



5.4331, 5.4338, 5.7788



10.1087, 5.2005, 0.9579



0.1007, 0.0513, 0.0305

Previews

White Background



This preview shows how the XYZ color 22.4973, 25.1989, 28.1042 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 22.4973, 25.1989, 28.1042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

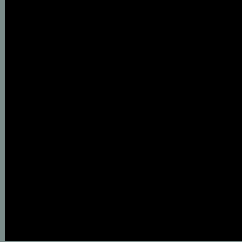
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4973, 25.1989, 28.1042

Background



This preview shows how black text looks on a background with the XYZ color 22.4973, 25.1989, 28.1042.



This preview shows how white text looks on a background with the XYZ color 22.4973, 25.1989,

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

22.4973, 25.1989, 28.1042

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

25.5897, 25.0877, 28.6930



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

22.4973, 25.1989, 28.1042

Protanomaly

23.4354, 25.0514, 27.2671

Deuteranomaly

24.3530, 25.0772, 28.3678

Tritanomaly

23.0238, 25.1915, 30.8431

Monochromacy



Original Color

22.4973, 25.1989, 28.1042

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1196, 24.8886, 27.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4973, 25.1989, 28.1042 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, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 141, 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, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 141, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.4973, 25.1989, 28.1042 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, 141, 139) }
```


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

```
.border{ border-color:rgb(124, 141, 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, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 141,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4973, 25.1989, 28.1042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 141, 139) }
```

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

```
.background{ background-color: rgb(124,  
141, 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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