

Converting Colors

XYZ(22.7400, 25.8569, 28.7549)

Have a look what the booklet for
XYZ(22.7400, 25.8569, 28.7549)
contains.

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Color

**XYZ(22.5821, 25.6759,
28.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8F8C
RGB	122, 143, 140
RGB Percent	48%, 56%, 55%
CMY	0.5216, 0.4392, 0.4510
CMYK	0.15, 0.00, 0.02, 0.44
HSL	171°, 9%, 52%
HSV	171°, 15%, 56%
XYZ	22.5821, 25.6759, 28.5767
YIQ	136.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

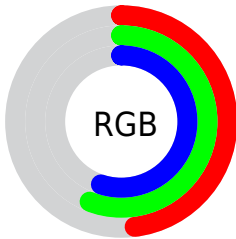
Format	Color
R_{YB}	122, 133, 143
Decimal	8032140
CIE _{Lab}	57.73, -8.11, -0.93
CIE _{LCh}	58, 8.168, 186.558
Yxy	25.6759, 0.2939, 0.3342
Android (android.graphics.Color)	4286222220 (0xFF7A8F8C)
YUV	136.3790, 1.7852, -12.6104
Hunter-Lab	50.6714, -9.1250, 2.0327

Details

The XYZ color **22.5821, 25.6759, 28.5767** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9898, 21.2400, 22.3438**, and the grayscale version is **23.5410, 24.7670, 26.9713**.

A 20% lighter version of the original color is **47.2711, 52.8967, 58.1707**, and **8.5075, 9.9834, 11.1514** is the 20% darker color. If you saturate the color by 10%, you get **20.5553, 24.6490, 27.7028**, and if you desaturate by 10%, it is **24.9112, 26.8597, 29.4804**.

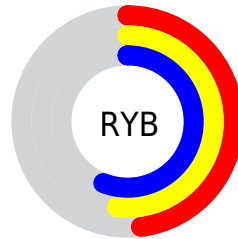
Distribution



Red (48%)

Green (56%)

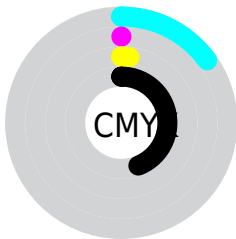
Blue (55%)



Red (48%)

Yellow (52%)

Blue (56%)

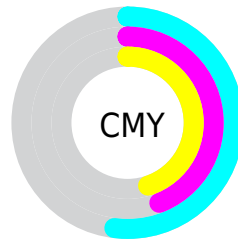


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5821, 25.6759, 28.5767 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 22.5821, 25.6759, 28.5767 by changing the saturation by 10% instead.

■ 22.5821, 25.6759,
28.5767

■ 22.5821, 25.6759,
28.5767

258.1469,
281.1874, 309.2106

■ 14.4042, 16.5813,
18.5180

■ 47.1779, 52.7516,
58.4380

■ 8.4859, 9.9364,
11.1493

■ 64.3266, 71.5016,
79.0777

■ 4.4618, 5.3568,
6.0519

■ 85.1963, 94.2388,
104.0815

■ 1.9666, 2.4581,
2.8074

110.1523,
121.3477, 133.8679

■ 0.6151, 0.8556,
0.9971

139.5600,
153.2125, 168.8555

■ 0.0000, 0.0000,
0.0000

173.7848,

190.2179, 209.4628

213.1919,
232.7481, 256.1083

■ 22.5821, 25.6759,
28.5767

■ 22.5821, 25.6759,
28.5767

■ 20.5553, 24.6490,
27.7028

■ 24.9112, 26.8597,
29.4804

■ 18.8155, 23.7690,
26.8564

■ 27.5525, 28.2034,
30.4129

■ 17.3497, 23.0300,
26.0372

■ 30.5183, 29.7141,
31.3754

■ 16.1426, 22.4240,
25.2445

■ 33.8195, 31.3974,
32.3684

■ 15.1777, 21.9425,
24.4775

■ 37.4665, 33.2586,
33.3925

■ 14.4364, 21.5761,
23.7351

■ 41.4692, 35.3029,
34.4483

■ 13.8977, 21.3137,
23.0164

■ 45.8373, 37.5352,
35.5362

■ 13.5339, 21.1412,
22.3199

■ 50.5799, 39.9602,
36.6568

■ 13.3707, 21.0650,
21.9569

■ 55.7058, 42.5824,
37.8106

Harmonies

Analogous

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



22.7182, 25.6759, 25.8671



22.5821, 25.6759, 28.5767



22.9237, 25.6759, 31.2910

Triad

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



22.5821, 25.6759, 28.5767



25.5422, 25.6759, 32.5128



25.1604, 25.6759, 23.2982

Complementary

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



22.5821, 25.6759, 28.5767



21.9898, 21.2400, 22.3438

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.



25.9471, 25.6759, 24.8680



22.5821, 25.6759, 28.5767



26.1716, 25.6759, 30.1558

Square

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



22.5821, 25.6759, 28.5767



24.6197, 25.6759, 33.6595



26.3217, 25.6759, 27.3457



24.1899, 25.6759, 22.9374

Rectangle

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



22.5821, 25.6759, 28.5767



23.3818, 25.6759, 32.6990



26.3217, 25.6759, 27.3457



25.4559, 25.6759, 23.6966

Sweetspot

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



22.5828, 25.6770, 28.5773



44.8786, 48.2359, 52.8915



21.8154, 25.4224, 22.1700



10.2205, 11.0254, 12.1030



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.



22.5828, 25.6770, 28.5773



39.0377, 45.2697, 50.5907



21.7397, 23.6315, 29.4033



5.5276, 6.1033, 6.7441



11.8275, 18.6269, 19.4438



0.1190, 0.1804, 0.2168

Inverse Universe

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



21.9898, 21.2400, 22.3438



37.7418, 35.5728, 36.9692



22.7378, 23.0385, 21.6612



5.4383, 5.4359, 5.8063



10.1361, 5.2115, 1.1021



0.1017, 0.0518, 0.0360

Previews

White Background



This preview shows how the XYZ color 22.5821, 25.6759, 28.5767 looks on a white background.

Color Contrast Check

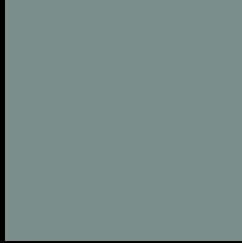
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5821, 25.6759, 28.5767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

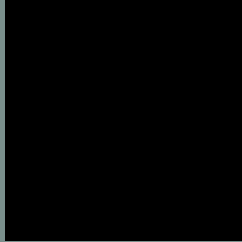
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5821, 25.6759, 28.5767

Background



This preview shows how black text looks on a background with the XYZ color 22.5821, 25.6759, 28.5767.



This preview shows how white text looks on a background with the XYZ color 22.5821, 25.6759,

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

22.5821, 25.6759, 28.5767

Protanopia

24.5883, 25.6458, 27.3211

Deuteranopia

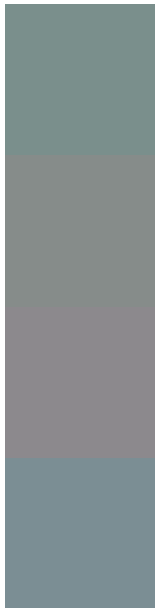
25.9853, 25.4872, 29.1411



Tritanopia

23.5046, 25.6018, 33.4086

Trichromacy



Original Color

22.5821, 25.6759, 28.5767

Protanomaly

23.7970, 25.6595, 27.7433

Deuteranomaly

24.5686, 25.3899, 28.8051

Tritanomaly

23.1867, 25.6951, 31.7546

Monochromacy



Original Color

22.5821, 25.6759, 28.5767

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1080, 25.0967, 27.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5821, 25.6759, 28.5767 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(122, 143, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 140)  
}
```

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(122, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.5821, 25.6759, 28.5767 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(122, 143, 140) }
```


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

```
.border{ border-color:rgb(122, 143, 140) }
```

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

Here you see how a box with a 4 pixel rgb(122, 143, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5821, 25.6759, 28.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 140) }
```

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

```
.background{ background-color: rgb(122,  
143, 140) }
```

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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