

Converting Colors

XYZ(22.7739, 25.1689, 28.4181)

Have a look what the booklet for
XYZ(22.7739, 25.1689, 28.4181)
contains.

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Color

**XYZ(22.7159, 25.0852,
28.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8C8C
RGB	126, 140, 140
RGB Percent	49%, 55%, 55%
CMY	0.5059, 0.4510, 0.4510
CMYK	0.10, 0.00, 0.00, 0.45
HSL	180°, 6%, 52%
HSV	180°, 10%, 55%
XYZ	22.7159, 25.0852, 28.4556
YIQ	135.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

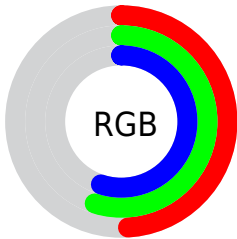
Format	Color
RYB	126, 133, 140
Decimal	8293516
CIELab	57.16, -5.05, -1.73
CIELCh	57, 5.338, 198.959
Yxy	25.0852, 0.2979, 0.3290
Android (android.graphics.Color)	4286483596 (0xFF7E8C8C)
YUV	135.8140, 2.0637, -8.6069
Hunter-Lab	50.0851, -6.6910, 1.3743

Details

The XYZ color **22.7159, 25.0852, 28.4556** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0429, 22.0042, 22.8253**, and the grayscale version is **23.3275, 24.5423, 26.7266**.

A 20% lighter version of the original color is **47.5078, 52.0175, 57.9885**, and **8.5622, 9.6283, 11.0800** is the 20% darker color. If you saturate the color by 10%, you get **20.7943, 24.0953, 28.3654**, and if you desaturate by 10%, it is **24.9279, 26.2262, 28.5604**.

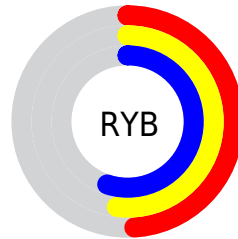
Distribution



Red (49%)

Green (55%)

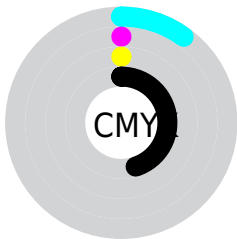
Blue (55%)



Red (49%)

Yellow (52%)

Blue (55%)

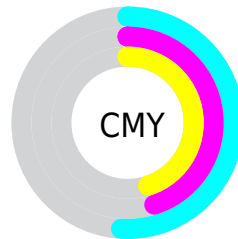


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7159, 25.0852, 28.4556 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 22.7159, 25.0852, 28.4556 by changing the saturation by 10% instead.

■ 22.7159, 25.0852,
28.4556

■ 22.7159, 25.0852,
28.4556

258.8251,
278.2620, 308.6177

■ 14.5034, 16.1405,
18.4274

■ 47.3965, 51.7954,
58.2428

■ 8.5557, 9.6237,
11.0846

■ 64.5953, 70.3297,
78.8389

■ 4.5073, 5.1502,
6.0089

■ 85.5203, 92.8294,
103.7947

■ 1.9929, 2.3356,
2.7816

110.5368,
119.6789, 133.5287

■ 0.6300, 0.7925,
0.9842

140.0102,
151.2625, 168.4594

■ 0.0000, 0.0000,
0.0000

174.3058,

187.9646, 209.0055

213.7890,
230.1696, 255.5854

■ 22.7159, 25.0852,
28.4556

■ 22.7159, 25.0852,
28.4556

■ 20.7943, 24.0953,
28.3654

■ 24.9279, 26.2262,
28.5604

■ 19.1490, 23.2471,
28.2876

■ 27.4393, 27.5209,
28.6787

■ 17.7680, 22.5352,
28.2222

■ 30.2616, 28.9758,
28.8116

■ 16.6374, 21.9524,
28.1685

■ 33.4048, 30.5962,
28.9595

■ 15.7424, 21.4910,
28.1259

■ 36.8787, 32.3870,
29.1228

■ 15.0662, 21.1424,
28.0935

■ 40.6924, 34.3530,
29.3021

■ 14.5900, 20.8970,
28.0704

■ 44.8548, 36.4988,
29.4977

■ 14.2921, 20.7434,
28.0557

■ 49.3746, 38.8288,
29.7100

■ 14.1109, 20.6500,
28.0464

■ 54.2600, 41.3473,
29.9394

Harmonies

Analogous

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



22.6740, 25.0852, 26.6548



22.7159, 25.0852, 28.4556



23.0566, 25.0852, 30.0132

Triad

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



22.7159, 25.0852, 28.4556



24.7676, 25.0852, 29.6541



24.0754, 25.0852, 24.0496

Complementary

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



22.7159, 25.0852, 28.4556



22.0429, 22.0042, 22.8253

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.



24.6466, 25.0852, 24.7808



22.7159, 25.0852, 28.4556



25.0509, 25.0852, 27.9830

Square

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



22.7159, 25.0852, 28.4556



24.2382, 25.0852, 30.7259



25.0062, 25.0852, 26.2024



23.4515, 25.0852, 24.1636

Rectangle

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



22.7159, 25.0852, 28.4556



23.4107, 25.0852, 30.6793



25.0062, 25.0852, 26.2024



24.2801, 25.0852, 24.2034

Sweetspot

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



22.7166, 25.0863, 28.4562



42.6979, 45.5920, 50.2923



21.7834, 24.7169, 23.3619



9.7695, 10.4698, 11.5853



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.



22.7166, 25.0863, 28.4562



39.2418, 43.8103, 50.1292



21.7581, 23.1689, 28.1374



5.1728, 5.6886, 6.4311



12.5376, 18.3476, 24.9194



0.0833, 0.1219, 0.1656

Inverse Universe

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



22.0429, 22.0042, 22.8253



37.8082, 37.2522, 38.1476



22.9376, 23.7939, 23.1229



5.0329, 5.0486, 5.2618



9.6099, 4.9541, 0.4503



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 22.7159, 25.0852, 28.4556 looks on a white background.

Color Contrast Check

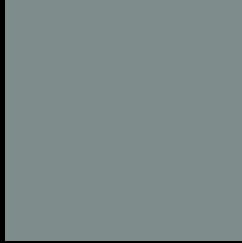
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7159, 25.0852, 28.4556 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

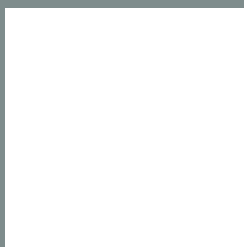
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7159, 25.0852, 28.4556

Background



This preview shows how black text looks on a background with the XYZ color 22.7159, 25.0852, 28.4556.



This preview shows how white text looks on a background with the XYZ color 22.7159, 25.0852,

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

22.7159, 25.0852, 28.4556

Protanopia

24.0391, 24.9323, 27.5902

Deuteranopia

25.4080, 24.9940, 28.6845



Tritanopia

23.6397, 25.2564, 32.4832

Trichromacy



Original Color

22.7159, 25.0852, 28.4556

Protanomaly

23.4374, 24.8237, 27.9823

Deuteranomaly

24.4271, 25.1069, 28.7580

Tritanomaly

23.1733, 25.0526, 30.8084

Monochromacy



Original Color

22.7159, 25.0852, 28.4556

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9767, 24.6030, 27.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7159, 25.0852, 28.4556 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(126, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 140, 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(126, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.7159, 25.0852, 28.4556 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(126, 140, 140) }
```


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

```
.border{ border-color:rgb(126, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7159, 25.0852, 28.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 140, 140) }
```

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

```
.background{ background-color: rgb(126,  
140, 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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