

Converting Colors

XYZ(25.0025, 27.5305, 35.9691)

Have a look what the booklet for
XYZ(25.0025, 27.5305, 35.9691)
contains.

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Color

**XYZ(24.9689, 27.4277,
35.8764)**

Conversions

Conversions Part 1

Format	Color
Hex	7E929D
RGB	126, 146, 157
RGB Percent	49%, 57%, 62%
CMY	0.5059, 0.4274, 0.3843
CMYK	0.20, 0.07, 0.00, 0.38
HSL	201°, 14%, 55%
HSV	201°, 20%, 62%
XYZ	24.9689, 27.4277, 35.8764
YIQ	141.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

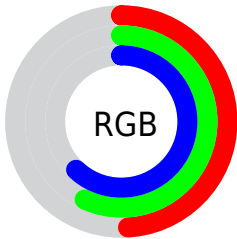
Format	Color
R_{YB}	126, 138, 157
Decimal	8295069
CIE _{Lab}	59.37, -4.64, -8.19
CIE _{LCh}	59, 9.414, 240.494
Yxy	27.4277, 0.2829, 0.3107
Android (android.graphics.Color)	4286485149 (0xFF7E929D)
YUV	141.2740, 7.7529, -13.3953
Hunter-Lab	52.3715, -6.5474, -3.9558

Details

The XYZ color **24.9689, 27.4277, 35.8764** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6165, 26.5659, 23.4642**, and the grayscale version is **25.4005, 26.7233, 29.1016**.

A 20% lighter version of the original color is **51.1283, 55.6457, 70.3333**, and **9.7649, 10.9428, 15.2332** is the 20% darker color. If you saturate the color by 10%, you get **21.9954, 24.6517, 35.4977**, and if you desaturate by 10%, it is **28.3493, 30.4770, 36.2873**.

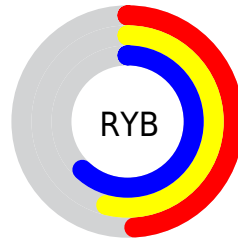
Distribution



Red (49%)

Green (57%)

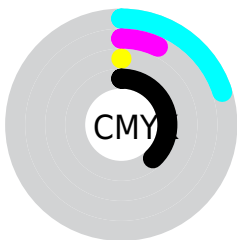
Blue (62%)



Red (49%)

Yellow (54%)

Blue (62%)

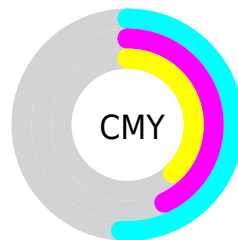


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9689, 27.4277, 35.8764 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 24.9689, 27.4277, 35.8764 by changing the saturation by 10% instead.

■ 24.9689, 27.4277,
35.8764

■ 24.9689, 27.4277,
35.8764

270.0335,
289.7220, 343.4410

■ 16.1825, 17.8947,
24.0498

■ 51.0500, 55.5694,
70.0081

■ 9.7450, 10.8744,
15.1580

■ 69.0754, 74.9469,
93.1504

■ 5.2912, 5.9824,
8.7825

■ 90.9113, 98.3748,
120.9016

■ 2.4556, 2.8344,
4.5047

116.9228,
126.2373, 153.6803

■ 0.8729, 1.0459,
1.9061

147.4755,
158.9188, 191.9051

■ 0.0000, 0.0000,
0.4966

182.9346,

■ 0.0000, 0.0000,

196.8039, 235.9944

0.0000

223.6655,
240.2768, 286.3669

■ 24.9689, 27.4277,
35.8764

■ 24.9689, 27.4277,
35.8764

■ 21.9954, 24.6517,
35.4977

■ 28.3493, 30.4770,
36.2873

■ 19.4088, 22.1356,
35.1484

■ 32.1504, 33.8055,
36.7294

■ 17.1910, 19.8701,
34.8280

■ 36.3885, 37.4230,
37.2043

■ 15.3216, 17.8436,
34.5354

■ 41.0782, 41.3381,
37.7128

■ 13.7778, 16.0434,
34.2693

■ 46.2335, 45.5585,
38.2557

■ 12.5340, 14.4554,
34.0283

■ 51.8677, 50.0921,
38.8338

■ 11.5602, 13.0632,
33.8109

■ 57.9934, 54.9461,
39.4478

■ 10.7876, 11.8303,
33.6137

■ 64.6230, 60.1276,
40.0986

■ 10.7687, 11.7999,
33.6088

■ 67.0962, 63.2350,
40.5680

Harmonies

Analogous

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



24.1648, 27.4277, 33.2803



24.9689, 27.4277, 35.8764



26.0888, 27.4277, 36.8358

Triad

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



24.9689, 27.4277, 35.8764



28.4017, 27.4277, 29.8081



24.9360, 27.4277, 24.6133

Complementary

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



24.9689, 27.4277, 35.8764



26.6165, 26.5659, 23.4642

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.



26.0497, 27.4277, 23.8327



24.9689, 27.4277, 35.8764



28.0712, 27.4277, 26.6901

Square

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



24.9689, 27.4277, 35.8764



28.0917, 27.4277, 33.1761



27.2014, 27.4277, 24.5641



24.1462, 27.4277, 26.7802

Rectangle

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



24.9689, 27.4277, 35.8764



26.8707, 27.4277, 36.3656



27.2014, 27.4277, 24.5641



25.2838, 27.4277, 24.1877

Sweetspot

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



24.9697, 27.4288, 35.8770



53.1516, 56.6848, 65.2666



25.1663, 30.3520, 28.1433



11.6093, 12.3971, 14.3514



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9697, 27.4288, 35.8770



42.1162, 46.7159, 63.9240



22.7600, 23.0094, 35.1404



6.6237, 7.1131, 8.4305



8.7818, 9.6551, 27.3080



0.1955, 0.2497, 0.5011

Inverse Universe

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



26.5545, 24.1658, 30.4603



45.5599, 39.8654, 52.0996



28.9562, 31.2453, 24.2441



6.8041, 6.7146, 7.8197



13.2308, 6.5969, 10.7325



0.2560, 0.1257, 0.2943

Previews

White Background



This preview shows how the XYZ color 24.9689, 27.4277, 35.8764 looks on a white background.

Color Contrast Check

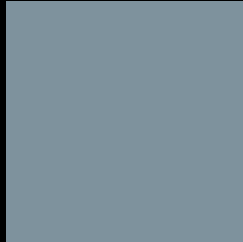
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9689, 27.4277, 35.8764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

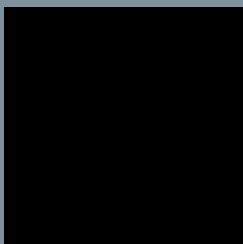
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

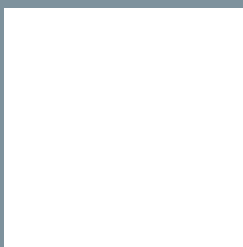
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9689, 27.4277, 35.8764

Background



This preview shows how black text looks on a background with the XYZ color 24.9689, 27.4277, 35.8764.



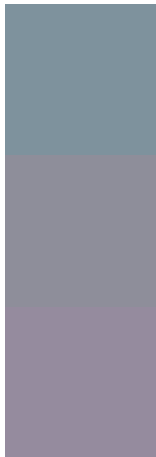
This preview shows how white text looks on a background with the XYZ color 24.9689, 27.4277,

35.8764.

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

24.9689, 27.4277, 35.8764

Protanopia

26.6611, 27.4299, 34.4612

Deuteranopia

27.7986, 27.3234, 36.1566



Tritanopia

25.0546, 27.4620, 36.3279

Trichromacy



Original Color

24.9689, 27.4277, 35.8764

Protanomaly

25.8922, 27.2457, 34.9046

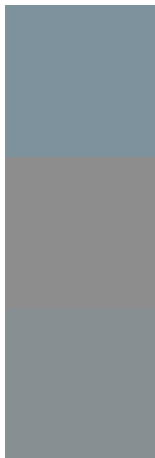
Deuteranomaly

26.8291, 27.4773, 36.2374

Tritanomaly

25.0546, 27.4620, 36.3279

Monochromacy



Original Color

24.9689, 27.4277, 35.8764

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2423, 26.9857, 31.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9689, 27.4277, 35.8764 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, 146, 157)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 157)  
}
```

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, 146, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.9689, 27.4277, 35.8764 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, 146, 157) }
```


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

```
.border{ border-color:rgb(126, 146, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9689, 27.4277, 35.8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 157) }
```

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

```
.background{ background-color: rgb(126,  
146, 157) }
```

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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