

Converting Colors

XYZ(25.8602, 27.2154, 39.0697)

Have a look what the booklet for
XYZ(25.8602, 27.2154, 39.0697)
contains.

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Color

**XYZ(25.7292, 27.0711,
38.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	828FA4
RGB	130, 143, 164
RGB Percent	51%, 56%, 64%
CMY	0.4902, 0.4392, 0.3569
CMYK	0.21, 0.13, 0.00, 0.36
HSL	217°, 16%, 58%
HSV	217°, 21%, 64%
XYZ	25.7292, 27.0711, 38.9911
YIQ	141.5070, -14.4890, 3.7750

Conversions

Conversions Part 2

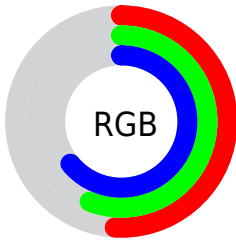
Format	Color
R_{YB}	130, 139, 164
Decimal	8556452
CIE _{Lab}	59.04, -0.00, -12.65
CIE _{LCh}	59, 12.646, 269.980
Yxy	27.0711, 0.2803, 0.2949
Android (android.graphics.Color)	4286746532 (0xFF828FA4)
YUV	141.5070, 11.0890, -10.0916
Hunter-Lab	52.0299, -2.7826, -8.0109

Details

The XYZ color **25.7292, 27.0711, 38.9911** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.4059, 31.6373, 25.6237**, and the grayscale version is **25.4791, 26.8060, 29.1917**.

A 20% lighter version of the original color is **52.2809, 55.1143, 74.9005**, and **10.1472, 10.7040, 16.8605** is the 20% darker color. If you saturate the color by 10%, you get **21.9590, 22.9719, 38.3990**, and if you desaturate by 10%, it is **30.0393, 31.6539, 39.6489**.

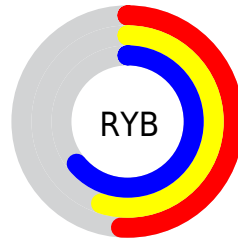
Distribution



Red (51%)

Green (56%)

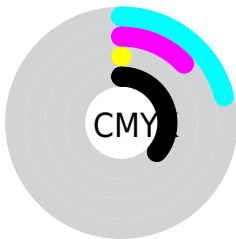
Blue (64%)



Red (51%)

Yellow (55%)

Blue (64%)

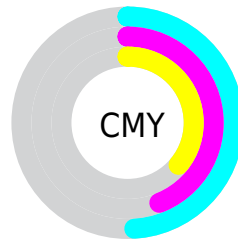


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7292, 27.0711, 38.9911 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 25.7292, 27.0711, 38.9911 by changing the saturation by 10% instead.

■ 25.7292, 27.0711,
38.9911

■ 25.7292, 27.0711,
38.9911

273.7313,
288.0012, 357.2775

■ 16.7528, 17.6266,
26.4450

■ 52.2722, 54.9979,
74.8449

■ 10.1526, 10.6823,
16.9281

■ 70.5694, 74.2491,
98.9897

■ 5.5633, 5.8536,
10.0218

■ 92.7044, 97.5379,
127.8379

■ 2.6195, 2.7563,
5.3076

119.0423,
125.2489, 161.8079

■ 0.9559, 1.0058,
2.3670

149.9486,
157.7662, 201.3183

■ 0.0000, 0.0000,
0.7684

185.7887,

■ 0.0000, 0.0000,

195.4745, 246.7877

0.0000

226.9278,
238.7580, 298.6346

■ 25.7292, 27.0711,
38.9911

■ 25.7292, 27.0711,
38.9911

■ 21.9590, 22.9719,
38.3990

■ 30.0393, 31.6539,
39.6489

■ 18.7037, 19.3358,
37.8688

■ 34.9081, 36.7329,
40.3727

■ 15.9398, 16.1460,
37.3987

■ 40.3563, 42.3246,
41.1648

■ 13.6410, 13.3830,
36.9866

■ 46.4029, 48.4436,
42.0272

■ 11.7783, 11.0257,
36.6298

■ 53.0660, 55.1039,
42.9616

■ 10.3191, 9.0507,
36.3255

■ 60.3629, 62.3188,
43.9696

■ 9.2253, 7.4317,
36.0706

■ 68.3102, 70.1014,
45.0530

■ 8.4627, 6.2039,
35.8738

■ 74.6051, 77.2687,
46.1046

■ 77.4094, 82.8773,
47.0394

Harmonies

Analogous

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



24.2497, 27.0711, 37.6105



25.7292, 27.0711, 38.9911



27.2679, 27.0711, 37.6141

Triad

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



25.7292, 27.0711, 38.9911



28.4339, 27.0711, 25.3645



23.2047, 27.0711, 25.3597

Complementary

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



25.7292, 27.0711, 38.9911



30.4059, 31.6373, 25.6237

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.



24.2515, 27.0711, 22.6052



25.7292, 27.0711, 38.9911



27.2699, 27.0711, 22.6078

Square

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



25.7292, 27.0711, 38.9911



28.8677, 27.0711, 29.4789



25.7313, 27.0711, 21.6501



22.8288, 27.0711, 29.4728

Rectangle

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



25.7292, 27.0711, 38.9911



28.1113, 27.0711, 35.3904



25.7313, 27.0711, 21.6501



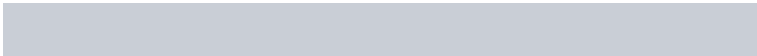
23.4876, 27.0711, 24.2599

Sweetspot

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



25.7300, 27.0722, 38.9917



58.4788, 61.6003, 72.5602



28.0651, 33.5305, 34.2573



12.6685, 13.3458, 15.8458



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.7300, 27.0722, 38.9917



43.3406, 45.5058, 70.2515



24.5102, 23.7118, 38.4074



6.9121, 7.2833, 8.9446



6.5319, 4.8432, 27.5204



0.1820, 0.1914, 0.5932

Inverse Universe

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



28.2510, 25.8416, 29.4868



48.8274, 43.0353, 49.5181



31.8090, 35.6401, 26.3224



7.1806, 7.1287, 7.9376



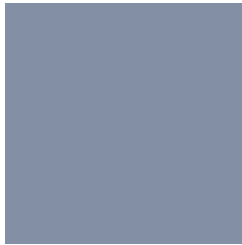
12.4425, 6.3330, 4.2548



0.2841, 0.1421, 0.2085

Previews

White Background



This preview shows how the XYZ color 25.7292, 27.0711, 38.9911 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 25.7292, 27.0711, 38.9911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

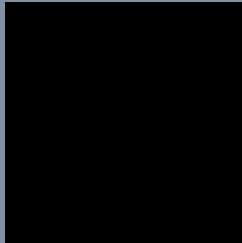
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7292, 27.0711, 38.9911

Background



This preview shows how black text looks on a background with the XYZ color 25.7292, 27.0711, 38.9911.



This preview shows how white text looks on a background with the XYZ color 25.7292, 27.0711,

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

25.7292, 27.0711, 38.9911

Protanopia

26.6170, 27.0974, 38.4778

Deuteranopia

27.5571, 26.9133, 39.3397



Tritanopia

24.8761, 26.9360, 35.3405

Trichromacy



Original Color

25.7292, 27.0711, 38.9911

Protanomaly

26.2755, 27.1412, 38.5042

Deuteranomaly

26.9848, 27.0482, 39.3959

Tritanomaly

25.2845, 27.1168, 36.7023

Monochromacy



Original Color

25.7292, 27.0711, 38.9911

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6593, 26.9513, 32.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7292, 27.0711, 38.9911 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(130, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(130, 143, 164)  
}
```

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(130, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 143, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.7292, 27.0711, 38.9911 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(130, 143, 164) }
```


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

```
.border{ border-color:rgb(130, 143, 164) }
```

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

Here you see how a box with a 4 pixel rgb(130, 143, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(130, 143,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7292, 27.0711, 38.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 143, 164) }
```

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

```
.background{ background-color: rgb(130,  
143, 164) }
```

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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