

Converting Colors

XYZ(26.8781, 27.6335, 37.1825)

Have a look what the booklet for
XYZ(26.8781, 27.6335, 37.1825)
contains.

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Color

**XYZ(26.9828, 27.7584,
37.1935)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8FA0
RGB	140, 143, 160
RGB Percent	55%, 56%, 63%
CMY	0.4510, 0.4392, 0.3725
CMYK	0.12, 0.11, 0.00, 0.37
HSL	231°, 10%, 59%
HSV	231°, 12%, 63%
XYZ	26.9828, 27.7584, 37.1935
YIQ	144.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

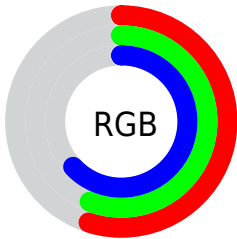
Format	Color
R_{YB}	140, 143, 160
Decimal	9211808
CIE Lab	59.67, 2.45, -9.34
CIE LCh	60, 9.659, 284.700
Yxy	27.7584, 0.2935, 0.3019
Android (android.graphics.Color)	4287401888 (0xFF8C8FA0)
YUV	144.0410, 7.8678, -3.5440
Hunter-Lab	52.6862, -0.7837, -4.9750

Details

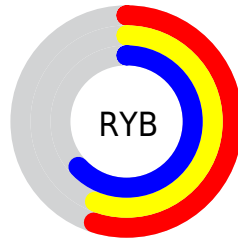
The XYZ color **26.9828, 27.7584, 37.1935** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.2879, 33.4808, 29.6248**, and the grayscale version is **26.4978, 27.8777, 30.3589**.

A 20% lighter version of the original color is **54.4801, 56.3081, 72.2871**, and **10.8911, 11.1065, 16.0377** is the 20% darker color. If you saturate the color by 10%, you get **22.5613, 22.6307, 36.4372**, and if you desaturate by 10%, it is **32.0455, 33.5855, 38.0519**.

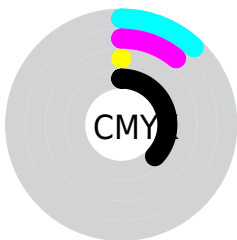
Distribution



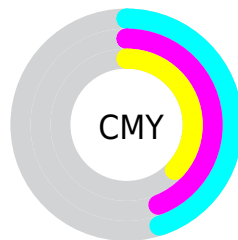
- Red (55%)
- Green (56%)
- Blue (63%)



- Red (55%)
- Yellow (56%)
- Blue (63%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9828, 27.7584, 37.1935 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 26.9828, 27.7584, 37.1935 by changing the saturation by 10% instead.

■ 26.9828, 27.7584,
37.1935

■ 26.9828, 27.7584,
37.1935

279.7429,
291.3107, 349.3414

■ 17.6968, 18.1436,
25.0604

■ 54.2763, 56.0985,
72.0599

■ 10.8309, 11.0531,
15.9026

■ 73.0146, 75.5926,
95.6303

■ 6.0197, 6.1026,
9.3017

■ 95.6344, 99.1486,
123.8503

■ 2.8978, 2.9076,
4.8390

122.5010,
127.1508, 157.1382

■ 1.1000, 1.0837,
2.0960

153.9798,
159.9838, 195.9128

■ 0.0251, 0.0000,
0.6134

190.4361,

■ 0.0000, 0.0000,

198.0318, 240.5925

0.0000

232.2354,
241.6793, 291.5958

■ 26.9828, 27.7584,
37.1935

■ 26.9828, 27.7584,
37.1935

■ 22.5613, 22.6307,
36.4372

■ 32.0455, 33.5855,
38.0519

■ 18.7528, 18.1725,
35.7774

■ 37.7711, 40.1335,
39.0140

■ 15.5308, 14.3571,
35.2108

■ 44.1833, 47.4270,
40.0838

■ 12.8658, 11.1546,
34.7331

■ 51.3041, 55.4888,
41.2646

■ 10.7256, 8.5324,
34.3398

■ 59.1541, 64.3403,
42.5593

■ 9.0748, 6.4553,
34.0259

■ 67.7535, 74.0024,
43.9711

■ 7.8735, 4.8837,
33.7858

■ 77.1214, 84.4950,
45.5026

■ 7.0751, 3.7727,
33.6135

■ 82.3300, 93.2876,
46.9252

■ 6.6722, 3.1921,
33.5226

■ 83.3453, 95.3181,
47.2636

Harmonies

Analogous

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



25.7698, 27.7584, 37.1726



26.9828, 27.7584, 37.1935



28.0668, 27.7584, 35.2513

Triad

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



26.9828, 27.7584, 37.1935



28.0849, 27.7584, 25.7440



24.1866, 27.7584, 28.4872

Complementary

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



26.9828, 27.7584, 37.1935



31.2879, 33.4808, 29.6248

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.



24.7689, 27.7584, 25.6993



26.9828, 27.7584, 37.1935



27.0069, 27.7584, 24.2005

Square

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



26.9828, 27.7584, 37.1935



28.7163, 27.7584, 28.5525



25.7932, 27.7584, 24.1848



24.1806, 27.7584, 31.9598

Rectangle

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



26.9828, 27.7584, 37.1935



28.5599, 27.7584, 33.1848



25.7932, 27.7584, 24.1848



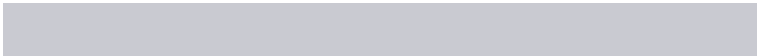
24.3206, 27.7584, 27.4451

Sweetspot

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



26.9836, 27.7596, 37.1941



56.6560, 59.2264, 68.8323



29.4439, 33.1405, 36.5947



12.2751, 12.8165, 15.0705



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.9836, 27.7596, 37.1941



46.6392, 47.6797, 67.1315



27.6967, 27.4670, 37.1001



6.3611, 6.5880, 8.3430



5.2190, 2.5296, 26.1204



0.1133, 0.0852, 0.4737

Inverse Universe

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



28.8338, 28.2135, 29.9139



50.6799, 48.7011, 51.2255



30.5048, 33.8403, 29.7355



6.6716, 6.6616, 7.1219



11.4325, 5.8776, 1.2627



0.2145, 0.1091, 0.0757

Previews

White Background



This preview shows how the XYZ color 26.9828, 27.7584, 37.1935 looks on a white background.

Color Contrast Check

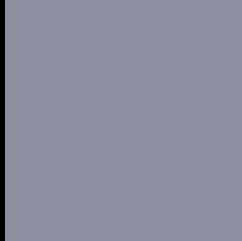
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9828, 27.7584, 37.1935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

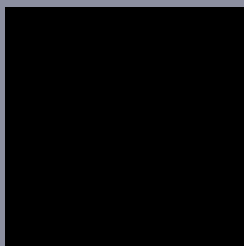
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

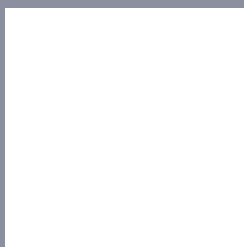
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9828, 27.7584, 37.1935

Background



This preview shows how black text looks on a background with the XYZ color 26.9828, 27.7584, 37.1935.



This preview shows how white text looks on a background with the XYZ color 26.9828, 27.7584,

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

26.9828, 27.7584, 37.1935

Protanopia

27.1521, 27.8457, 37.2014

Deuteranopia

28.3888, 27.8134, 37.5905



Tritanopia

26.5371, 27.8020, 34.9780

Trichromacy



Original Color

26.9828, 27.7584, 37.1935

Protanomaly

27.1521, 27.8457, 37.2014

Deuteranomaly

27.8120, 27.7340, 37.6056

Tritanomaly

26.7065, 27.8698, 35.8701

Monochromacy



Original Color

26.9828, 27.7584, 37.1935

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8060, 27.9882, 32.8436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9828, 27.7584, 37.1935 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(140, 143, 160)` looks like.

```
.text, #text, p{  
    color:rgb(140, 143, 160)  
}
```

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(140, 143, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 143, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.9828, 27.7584, 37.1935 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(140, 143, 160) }
```


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

```
.border{ border-color:rgb(140, 143, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 143, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 143, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 143, 160);  
box-shadow:4px 4px 4px 4px rgb(140, 143,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9828, 27.7584, 37.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 143, 160) }
```

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

```
.background{ background-color: rgb(140,  
143, 160) }
```

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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