

Converting Colors

XYZ(25.6935, 26.3574, 37.9170)

Have a look what the booklet for
XYZ(25.6935, 26.3574, 37.9170)
contains.

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Color

**XYZ(25.7312, 26.4331,
37.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	868CA2
RGB	134, 140, 162
RGB Percent	53%, 55%, 64%
CMY	0.4745, 0.4510, 0.3647
CMYK	0.17, 0.14, 0.00, 0.36
HSL	227°, 13%, 58%
HSV	227°, 17%, 64%
XYZ	25.7312, 26.4331, 37.9283
YIQ	140.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

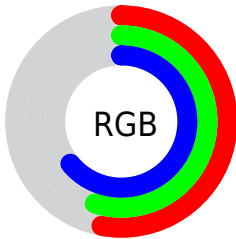
Format	Color
R_{YB}	134, 139, 162
Decimal	8817826
CIE Lab	58.45, 2.57, -12.37
CIE LCh	58, 12.631, 281.717
Yxy	26.4331, 0.2856, 0.2934
Android (android.graphics.Color)	4287007906 (0xFF868CA2)
YUV	140.7140, 10.4940, -5.8882
Hunter-Lab	51.4131, -0.6374, -7.7500

Details

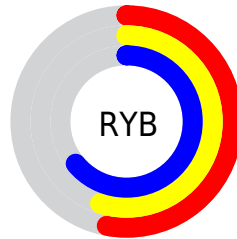
The XYZ color **25.7312, 26.4331, 37.9283** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.0921, 33.1796, 27.3206**, and the grayscale version is **25.1694, 26.4801, 28.8369**.

A 20% lighter version of the original color is **52.0879, 53.7145, 73.2682**, and **10.1268, 10.3229, 16.2106** is the 20% darker color. If you saturate the color by 10%, you get **21.5909, 21.6962, 37.2326**, and if you desaturate by 10%, it is **30.4838, 31.8063, 38.7154**.

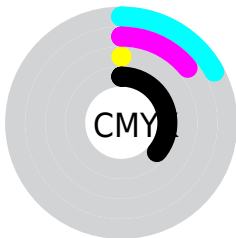
Distribution



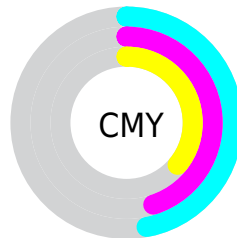
- Red (53%)
- Green (55%)
- Blue (64%)



- Red (53%)
- Yellow (55%)
- Blue (64%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7312, 26.4331, 37.9283 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 25.7312, 26.4331, 37.9283 by changing the saturation by 10% instead.

■ 25.7312, 26.4331,
37.9283

■ 25.7312, 26.4331,
37.9283

273.7410,
284.9017, 352.6013

■ 16.7543, 17.1479,
25.6256

■ 52.2754, 53.9728,
73.2004

■ 10.1537, 10.3400,
16.3205

■ 70.5734, 72.9962,
97.0070

■ 5.5640, 5.6250,
9.5945

■ 92.7091, 96.0343,
125.4853

■ 2.6200, 2.6184,
5.0288

119.0479,
123.4718, 159.0538

■ 0.9561, 0.9359,
2.2052

149.9551,
155.6928, 198.1311

■ 0.0000, 0.0000,
0.6773

185.7961,

■ 0.0000, 0.0000,

193.0819, 243.1358

0.0000

226.9363,
236.0234, 294.4863

■ 25.7312, 26.4331,
37.9283

■ 25.7312, 26.4331,
37.9283

■ 21.5909, 21.6962,
37.2326

■ 30.4838, 31.8063,
38.7154

■ 18.0353, 17.5687,
36.6233

■ 35.8700, 37.8353,
39.5952

■ 15.0382, 14.0261,
36.0975

■ 41.9132, 44.5424,
40.5713

■ 12.5702, 11.0412,
35.6515

■ 48.6346, 51.9481,
41.6465

■ 10.5995, 8.5847,
35.2812

■ 56.0547, 60.0721,
42.8235

■ 9.0904, 6.6241,
34.9823

■ 64.1929, 68.9331,
44.1049

■ 8.0023, 5.1234,
34.7499

■ 73.0681, 78.5492,
45.4932

■ 7.2756, 4.0348,
34.5781

■ 79.4621, 87.2696,
46.8394

■ 7.1145, 3.7944,
34.5402

■ 83.3796, 95.1046,
48.1453

Harmonies

Analogous

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



24.2046, 26.4331, 37.6264



25.7312, 26.4331, 37.9283



27.1503, 26.4331, 35.6008

Triad

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



25.7312, 26.4331, 37.9283



27.4041, 26.4331, 23.4891



22.4108, 26.4331, 26.1971

Complementary

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



25.7312, 26.4331, 37.9283



31.0921, 33.1796, 27.3206

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.



23.2008, 26.4331, 22.8933



25.7312, 26.4331, 37.9283



26.0661, 26.4331, 21.4437

Square

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



25.7312, 26.4331, 37.9283



28.1423, 26.4331, 27.0899



24.5262, 26.4331, 21.2373



22.3294, 26.4331, 30.5414

Rectangle

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



25.7312, 26.4331, 37.9283



27.8281, 26.4331, 32.9978



24.5262, 26.4331, 21.2373



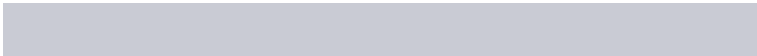
22.6007, 26.4331, 24.9400

Sweetspot

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



25.7320, 26.4342, 37.9289



57.3804, 60.0333, 70.6194



28.7475, 33.3075, 36.3372



12.7459, 13.3244, 15.8376



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.



25.7320, 26.4342, 37.9289



43.4877, 44.3111, 68.3170



26.1912, 25.4044, 37.7059



6.8178, 7.0947, 8.9131



5.6319, 3.0431, 27.2203



0.1495, 0.1262, 0.5823

Inverse Universe

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



28.1597, 26.6257, 28.4672



48.8155, 44.8207, 47.5323



30.5630, 34.4389, 27.5915



7.1330, 7.1097, 7.6869



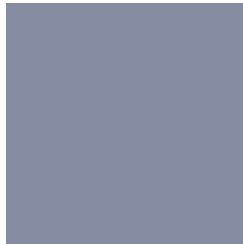
11.9882, 6.1513, 1.8624



0.2676, 0.1355, 0.1219

Previews

White Background



This preview shows how the XYZ color 25.7312, 26.4331, 37.9283 looks on a white background.

Color Contrast Check

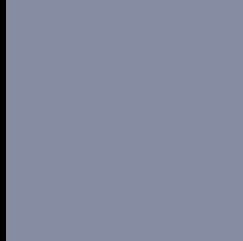
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7312, 26.4331, 37.9283 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

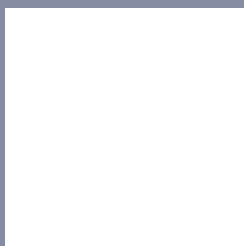
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7312, 26.4331, 37.9283

Background



This preview shows how black text looks on a background with the XYZ color 25.7312, 26.4331, 37.9283.



This preview shows how white text looks on a background with the XYZ color 25.7312, 26.4331,

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

25.7312, 26.4331, 37.9283

Protanopia

26.0707, 26.3922, 37.9026

Deuteranopia

26.8842, 26.3753, 38.3243



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

25.7312, 26.4331, 37.9283

Protanomaly

25.9075, 26.3081, 37.8949

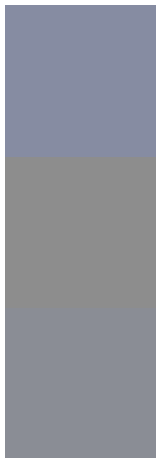
Deuteranomaly

26.5146, 26.3968, 38.3479

Tritanomaly

25.1985, 26.4366, 35.2272

Monochromacy



Original Color

25.7312, 26.4331, 37.9283

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4309, 26.6230, 32.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7312, 26.4331, 37.9283 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(134, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 162)  
}
```

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(134, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.7312, 26.4331, 37.9283 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(134, 140, 162) }
```


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

```
.border{ border-color:rgb(134, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7312, 26.4331, 37.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 162) }
```

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

```
.background{ background-color: rgb(134,  
140, 162) }
```

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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