

Converting Colors

XYZ(25.0967, 26.5438, 37.9832)

Have a look what the booklet for
XYZ(25.0967, 26.5438, 37.9832)
contains.

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Color

**XYZ(25.0967, 26.5438,
37.9832)**

Conversions

Conversions Part 1

Format	Color
Hex	808EA2
RGB	128, 142, 162
RGB Percent	50%, 56%, 64%
CMY	0.4980, 0.4431, 0.3647
CMYK	0.21, 0.12, 0.00, 0.36
HSL	215°, 15%, 57%
HSV	215°, 21%, 64%
XYZ	25.0967, 26.5438, 37.9832
YIQ	140.0940, -14.7640, 3.2520

Conversions

Conversions Part 2

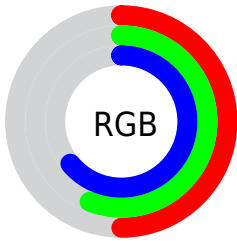
Format	Color
R_{YB}	128, 138, 162
Decimal	8425122
CIE _{Lab}	58.55, -0.56, -12.26
CIE _{LCh}	59, 12.270, 267.370
Yxy	26.5438, 0.2800, 0.2962
Android (android.graphics.Color)	4286615202 (0xFF808EA2)
YUV	140.0940, 10.7997, -10.6064
Hunter-Lab	51.5207, -3.2104, -7.6466

Details

The XYZ color **25.0967, 26.5438, 37.9832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3869, 30.4200, 24.7456**, and the grayscale version is **24.9279, 26.2261, 28.5602**.

A 20% lighter version of the original color is **51.3204, 54.3134, 73.4243**, and **9.7835, 10.3998, 16.2436** is the 20% darker color. If you saturate the color by 10%, you get **21.4943, 22.6718, 37.4261**, and if you desaturate by 10%, it is **29.2110, 30.8610, 38.6001**.

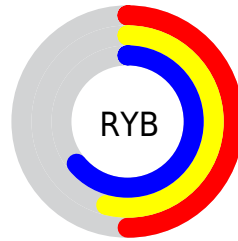
Distribution



Red (50%)

Green (56%)

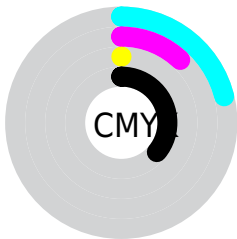
Blue (64%)



Red (50%)

Yellow (54%)

Blue (64%)

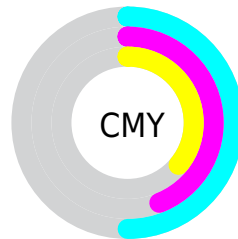


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0967, 26.5438, 37.9832 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 25.0967, 26.5438, 37.9832 by changing the saturation by 10% instead.

■ 25.0967, 26.5438,
37.9832

■ 25.0967, 26.5438,
37.9832

270.6579,
285.4414, 352.8439

■ 16.2782, 17.2309,
25.6679

■ 51.2558, 54.1509,
73.2855

■ 9.8133, 10.3993,
16.3518

■ 69.3272, 73.2140,
97.1097

■ 5.3367, 5.6645,
9.6164

■ 91.2135, 96.2958,
125.6071

■ 2.4829, 2.6422,
5.0431

117.2803,
123.7809, 159.1965

■ 0.8866, 0.9479,
2.2134

147.8927,
156.0536, 198.2964

■ 0.0000, 0.0000,
0.6821

183.4162,

■ 0.0000, 0.0000,

193.4984, 243.3252

0.0000

224.2162,
236.4995, 294.7015

■ 25.0967, 26.5438,
37.9832

■ 25.0967, 26.5438,
37.9832

■ 21.4943, 22.6718,
37.4261

■ 29.2110, 30.8610,
38.6001

■ 18.3799, 19.2262,
36.9252

■ 33.8549, 35.6347,
39.2768

■ 15.7313, 16.1915,
36.4791

■ 39.0482, 40.8802,
40.0155

■ 13.5235, 13.5500,
36.0856

■ 44.8089, 46.6106,
40.8180

■ 11.7287, 11.2823,
35.7424

■ 51.1541, 52.8387,
41.6857

■ 10.3159, 9.3671,
35.4472

■ 58.1003, 59.5768,
42.6202

■ 9.2488, 7.7799,
35.1971

■ 65.6632, 66.8368,
43.6229

■ 8.5118, 6.5888,
35.0061

■ 72.8938, 74.1330,
44.6501

■ 75.4399, 79.2251,
45.4988

Harmonies

Analogous

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



23.7026, 26.5438, 36.4475



25.0967, 26.5438, 37.9832



26.5812, 26.5438, 36.8926

Triad

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



25.0967, 26.5438, 37.9832



27.8836, 26.5438, 25.2611



22.8726, 26.5438, 24.6645

Complementary

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



25.0967, 26.5438, 37.9832



29.3869, 30.4200, 24.7456

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.



23.9236, 26.5438, 22.1570



25.0967, 26.5438, 37.9832



26.8197, 26.5438, 22.4766

Square

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



25.0967, 26.5438, 37.9832



28.2276, 26.5438, 29.2832



25.3619, 26.5438, 21.3970



22.4508, 26.5438, 28.5235

Rectangle

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



25.0967, 26.5438, 37.9832



27.4157, 26.5438, 34.8774



25.3619, 26.5438, 21.3970



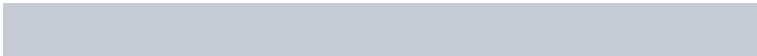
23.1620, 26.5438, 23.6507

Sweetspot

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



25.0975, 26.5449, 37.9838



57.0155, 60.1428, 70.6598



27.1551, 32.5633, 32.8026



12.6903, 13.3894, 15.8531



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.



25.0975, 26.5449, 37.9838



42.5134, 44.9356, 68.4889



23.5757, 22.8597, 37.3527



6.9288, 7.3167, 8.9501



6.7462, 5.2717, 27.5918



0.1877, 0.2028, 0.5951

Inverse Universe

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



27.5026, 25.0735, 28.9824



47.6956, 41.9680, 49.0488



31.1483, 34.7877, 25.4958



7.1891, 7.1321, 7.9820



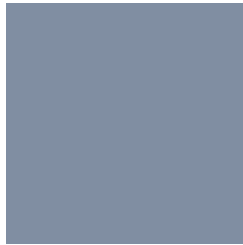
12.5506, 6.3763, 4.8242



0.2869, 0.1433, 0.2236

Previews

White Background



This preview shows how the XYZ color 25.0967, 26.5438, 37.9832 looks on a white background.

Color Contrast Check

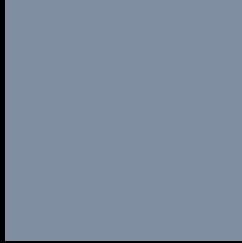
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0967, 26.5438, 37.9832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

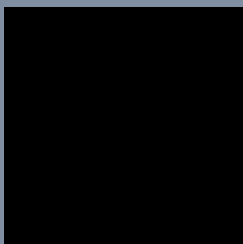
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

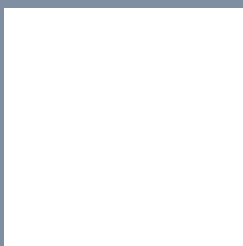
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0967, 26.5438, 37.9832

Background



This preview shows how black text looks on a background with the XYZ color 25.0967, 26.5438, 37.9832.



This preview shows how white text looks on a background with the XYZ color 25.0967, 26.5438,

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

25.0967, 26.5438, 37.9832

Protanopia

26.0398, 26.6126, 37.0220

Deuteranopia

27.0581, 26.4650, 38.3325



Tritanopia

24.4913, 26.5235, 34.8391

Trichromacy



Original Color

25.0967, 26.5438, 37.9832

Protanomaly

25.7894, 26.6913, 37.5109

Deuteranomaly

26.3247, 26.5129, 38.3804

Tritanomaly

24.7464, 26.6256, 36.1827

Monochromacy



Original Color

25.0967, 26.5438, 37.9832

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0235, 26.4221, 31.7981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0967, 26.5438, 37.9832 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(128, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(128, 142, 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(128, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 142, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.0967, 26.5438, 37.9832 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(128, 142, 162) }
```


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

```
.border{ border-color:rgb(128, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(128, 142,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0967, 26.5438, 37.9832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 142, 162) }
```

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

```
.background{ background-color: rgb(128,  
142, 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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