

Converting Colors

XYZ(25.7235, 26.2436, 38.6154)

Have a look what the booklet for
XYZ(25.7235, 26.2436, 38.6154)
contains.

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Color

**XYZ(25.7650, 26.2139,
38.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	868BA4
RGB	134, 139, 164
RGB Percent	53%, 55%, 64%
CMY	0.4745, 0.4549, 0.3569
CMYK	0.18, 0.15, 0.00, 0.36
HSL	230°, 14%, 58%
HSV	230°, 18%, 64%
XYZ	25.7650, 26.2139, 38.8238
YIQ	140.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

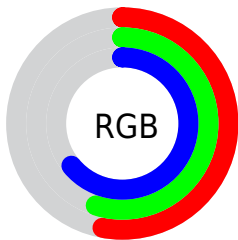
Format	Color
RYB	134, 138, 164
Decimal	8817572
CIELab	58.24, 3.60, -13.82
CIELCh	58, 14.283, 284.583
Yxy	26.2139, 0.2837, 0.2887
Android (android.graphics.Color)	4287007652 (0xFF868BA4)
YUV	140.3550, 11.6570, -5.5733
Hunter-Lab	51.1995, 0.2270, -9.1190

Details

The XYZ color **25.7650, 26.2139, 38.8238** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **32.0114, 34.4101, 27.5096**, and the grayscale version is **25.0251, 26.3284, 28.6716**.

A 20% lighter version of the original color is **52.1293, 53.3785, 74.5734**, and **10.1532, 10.1994, 16.7628** is the 20% darker color. If you saturate the color by 10%, you get **21.4945, 21.2568, 38.0925**, and if you desaturate by 10%, it is **30.6899, 31.8769, 39.6577**.

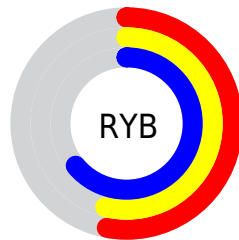
Distribution



Red (53%)

Green (55%)

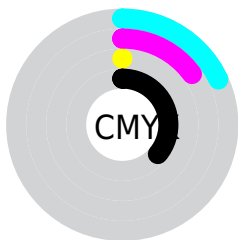
Blue (64%)



Red (53%)

Yellow (54%)

Blue (64%)

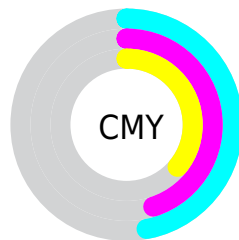


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7650, 26.2139, 38.8238 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 25.7650, 26.2139, 38.8238 by changing the saturation by 10% instead.

■ 25.7650, 26.2139,
38.8238

■ 25.7650, 26.2139,
38.8238

273.9045,
283.8305, 356.5444

■ 16.7797, 16.9837,
26.3159

■ 52.3296, 53.6198,
74.5864

■ 10.1719, 10.2229,
16.8322

■ 70.6396, 72.5644,
98.6783

■ 5.5762, 5.5470,
9.9543

■ 92.7885, 95.5158,
127.4685

■ 2.6273, 2.5716,
5.2634

119.1417,
122.8586, 161.3756

■ 0.9599, 0.9124,
2.3412

150.0645,
154.9770, 200.8183

■ 0.0000, 0.0000,
0.7542

185.9224,

■ 0.0000, 0.0000,

192.2556, 246.2149

0.0000

227.0806,
235.0786, 297.9841

■ 25.7650, 26.2139,
38.8238

■ 25.7650, 26.2139,
38.8238

■ 21.4945, 21.2568,
38.0925

■ 30.6899, 31.8769,
39.6577

■ 17.8483, 16.9746,
37.4581

■ 36.2927, 38.2688,
40.5962

■ 14.7974, 13.3387,
36.9171

■ 42.5990, 45.4155,
41.6432

■ 12.3096, 10.3172,
36.4650

■ 49.6321, 53.3407,
42.8023

■ 10.3497, 7.8754,
36.0970

■ 57.4142, 62.0670,
44.0765

■ 8.8781, 5.9752,
35.8078

■ 65.9667, 71.6162,
45.4689

■ 7.8497, 4.5735,
35.5914

■ 75.3101, 82.0091,
46.9825

■ 7.1921, 3.6106,
35.4402

■ 81.6103, 91.2792,
48.4397

■ 7.1007, 3.4799,
35.4198

■ 83.7009, 95.4604,
49.1366

Harmonies

Analogous

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



24.0391, 26.2139, 38.7796



25.7650, 26.2139, 38.8238



27.3315, 26.2139, 35.9028

Triad

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



25.7650, 26.2139, 38.8238



27.3680, 26.2139, 22.3473



21.8358, 26.2139, 26.0771

Complementary

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



25.7650, 26.2139, 38.8238



32.0114, 34.4101, 27.5096

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.



22.6463, 26.2139, 22.2638



25.7650, 26.2139, 38.8238



25.8130, 26.2139, 20.2869

Square

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



25.7650, 26.2139, 38.8238



28.2857, 26.2139, 26.2037



24.0849, 26.2139, 20.2583



21.8243, 26.2139, 31.0164

Rectangle

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



25.7650, 26.2139, 38.8238



28.0519, 26.2139, 32.8429



24.0849, 26.2139, 20.2583



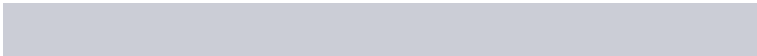
22.0221, 26.2139, 24.6349

Sweetspot

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



25.7658, 26.2150, 38.8244



58.8227, 61.4252, 72.5083



29.3222, 34.1057, 37.6120



12.7159, 13.2643, 15.8276



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.



25.7658, 26.2150, 38.8244



43.4323, 43.7225, 69.9025



26.6410, 25.6156, 38.6626



6.7915, 7.0420, 8.9044



5.4693, 2.7180, 27.1661



0.1403, 0.1078, 0.5793

Inverse Universe

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



28.4958, 26.8075, 28.0997



49.3538, 45.0840, 46.6233



31.0009, 35.1918, 27.7137



7.1197, 7.1043, 7.6169



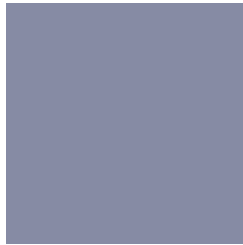
11.9061, 6.1185, 1.4303



0.2630, 0.1337, 0.0974

Previews

White Background



This preview shows how the XYZ color 25.7650, 26.2139, 38.8238 looks on a white background.

Color Contrast Check

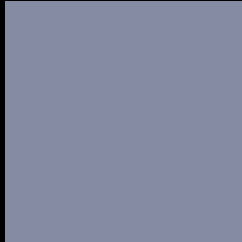
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7650, 26.2139, 38.8238 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 25.7650, 26.2139, 38.8238

Background



This preview shows how black text looks on a background with the XYZ color 25.7650, 26.2139, 38.8238.



This preview shows how white text looks on a background with the XYZ color 25.7650, 26.2139,

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

25.7650, 26.2139, 38.8238

Protanopia

25.9251, 26.2965, 38.8313

Deuteranopia

26.8018, 26.3224, 38.7901



Tritanopia

24.7081, 26.2223, 33.4649

Trichromacy



Original Color

25.7650, 26.2139, 38.8238

Protanomaly

25.9251, 26.2965, 38.8313

Deuteranomaly

26.4368, 26.3463, 38.8139

Tritanomaly

25.0517, 26.1430, 35.1782

Monochromacy



Original Color

25.7650, 26.2139, 38.8238

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2841, 26.3294, 32.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7650, 26.2139, 38.8238 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, 139, 164)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 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(134, 139, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.7650, 26.2139, 38.8238 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, 139, 164) }
```


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

```
.border{ border-color:rgb(134, 139, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 164);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7650, 26.2139, 38.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 164) }
```

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

```
.background{ background-color: rgb(134,  
139, 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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