

Converting Colors

XYZ(26.2648, 27.7356, 38.6536)

Have a look what the booklet for
XYZ(26.2648, 27.7356, 38.6536)
contains.

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Color

**XYZ(26.2520, 27.8007,
38.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	8491A3
RGB	132, 145, 163
RGB Percent	52%, 57%, 64%
CMY	0.4823, 0.4314, 0.3608
CMYK	0.19, 0.11, 0.00, 0.36
HSL	215°, 14%, 58%
HSV	215°, 19%, 64%
XYZ	26.2520, 27.8007, 38.6328
YIQ	143.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

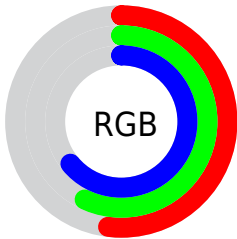
Format	Color
R_{YB}	132, 141, 163
Decimal	8688035
CIE Lab	59.71, -0.71, -11.06
CIE LCh	60, 11.080, 266.334
Yxy	27.8007, 0.2832, 0.2999
Android (android.graphics.Color)	4286878115 (0xFF8491A3)
YUV	143.1650, 9.7787, -9.7917
Hunter-Lab	52.7264, -3.3976, -6.5335

Details

The XYZ color **26.2520, 27.8007, 38.6328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1757, 31.2652, 26.2748**, and the grayscale version is **26.1410, 27.5024, 29.9501**.

A 20% lighter version of the original color is **53.0859, 56.2231, 74.3839**, and **10.4411, 11.1260, 16.6361** is the 20% darker color. If you saturate the color by 10%, you get **22.5133, 23.8159, 38.0612**, and if you desaturate by 10%, it is **30.5112, 32.2341, 39.2645**.

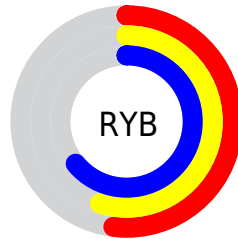
Distribution



Red (52%)

Green (57%)

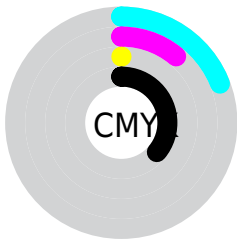
Blue (64%)



Red (52%)

Yellow (55%)

Blue (64%)

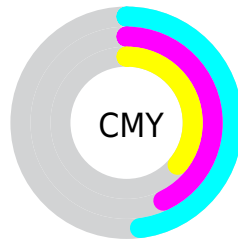


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2520, 27.8007, 38.6328 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 26.2520, 27.8007, 38.6328 by changing the saturation by 10% instead.

■ 26.2520, 27.8007,
38.6328

■ 26.2520, 27.8007,
38.6328

276.2510,
291.5134, 355.7060

■ 17.1459, 18.1755,
26.1686

■ 53.1096, 56.1661,
74.2912

■ 10.4345, 11.0760,
16.7229

■ 71.5919, 75.6751,
98.3224

■ 5.7525, 6.1180,
9.8772

■ 93.9302, 99.2474,
127.0463

■ 2.7344, 2.9170,
5.2131

120.4900,
127.2675, 160.8816

■ 1.0149, 1.0885,
2.3119

151.6367,
160.1197, 200.2466

■ 0.0000, 0.0000,
0.7379

187.7355,

■ 0.0000, 0.0000,

198.1885, 245.5600

0.0000

229.1518,
241.8583, 297.2403

■ 26.2520, 27.8007,
38.6328

■ 26.2520, 27.8007,
38.6328

■ 22.5133, 23.8159,
38.0612

■ 30.5112, 32.2341,
39.2645

■ 19.2711, 20.2608,
37.5458

■ 35.3084, 37.1272,
39.9561

■ 16.5034, 17.1204,
37.0856

■ 40.6633, 42.4948,
40.7099

■ 14.1853, 14.3771,
36.6782

■ 46.5941, 48.3504,
41.5276

■ 12.2895, 12.0118,
36.3216

■ 53.1178, 54.7063,
42.4106

■ 10.7852, 10.0037,
36.0133

■ 60.2508, 61.5750,
43.3604

■ 9.6371, 8.3291,
35.7506

■ 68.0091, 68.9680,
44.3785

■ 8.7772, 6.9472,
35.5291

■ 73.6315, 75.4655,
45.3363

■ 8.7002, 6.8229,
35.5092

■ 76.1968, 80.5961,
46.1914

Harmonies

Analogous

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



24.9596, 27.8007, 37.1496



26.2520, 27.8007, 38.6328



27.6358, 27.8007, 37.7175

Triad

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



26.2520, 27.8007, 38.6328



28.9101, 27.8007, 26.9780



24.2463, 27.8007, 26.1950

Complementary

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



26.2520, 27.8007, 38.6328



30.1757, 31.2652, 26.2748

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.



25.2477, 27.8007, 23.8741



26.2520, 27.8007, 38.6328



27.9440, 27.8007, 24.2973

Square

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



26.2520, 27.8007, 38.6328



29.2018, 27.8007, 30.7658



26.5962, 27.8007, 23.2109



23.8277, 27.8007, 29.7800

Rectangle

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



26.2520, 27.8007, 38.6328



28.4189, 27.8007, 35.9105



26.5962, 27.8007, 23.2109



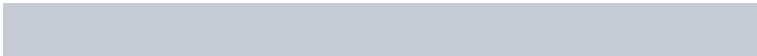
24.5242, 27.8007, 25.2538

Sweetspot

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



26.2528, 27.8018, 38.6334



57.0385, 60.1888, 70.6675



28.0837, 33.2885, 33.6173



12.6960, 13.4007, 15.8550



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.



26.2528, 27.8018, 38.6334



43.9512, 46.5462, 68.7240



24.7049, 24.2213, 38.0239



6.9332, 7.3254, 8.9516



6.8046, 5.3885, 27.6112



0.1892, 0.2057, 0.5956

Inverse Universe

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



28.4671, 26.3341, 30.3720



48.7302, 43.5640, 50.8517



31.9471, 35.4310, 26.9855



7.1912, 7.1330, 7.9935



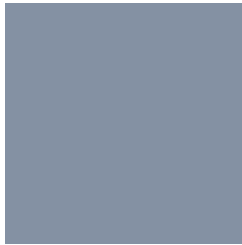
12.5801, 6.3881, 4.9794



0.2877, 0.1436, 0.2275

Previews

White Background



This preview shows how the XYZ color 26.2520, 27.8007, 38.6328 looks on a white background.

Color Contrast Check

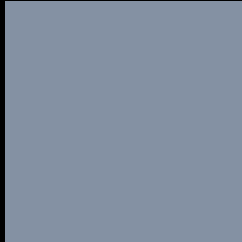
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2520, 27.8007, 38.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

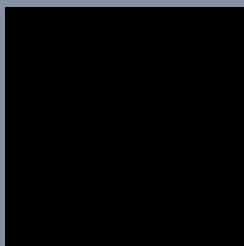
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

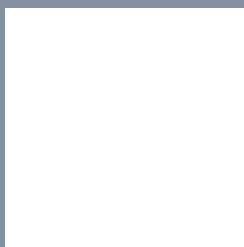
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2520, 27.8007, 38.6328

Background



This preview shows how black text looks on a background with the XYZ color 26.2520, 27.8007, 38.6328.



This preview shows how white text looks on a background with the XYZ color 26.2520, 27.8007,

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

26.2520, 27.8007, 38.6328

Protanopia

27.2400, 27.8809, 37.6641

Deuteranopia

28.2917, 27.7324, 38.9837



Tritanopia

25.8105, 27.8517, 36.3633

Trichromacy



Original Color

26.2520, 27.8007, 38.6328

Protanomaly

26.9761, 27.9584, 38.1571

Deuteranomaly

27.5292, 27.7771, 39.0325

Tritanomaly

25.9841, 27.9211, 37.2775

Monochromacy



Original Color

26.2520, 27.8007, 38.6328

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1257, 27.6375, 32.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2520, 27.8007, 38.6328 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(132, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(132, 145, 163)  
}
```

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(132, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 145, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.2520, 27.8007, 38.6328 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(132, 145, 163) }
```


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

```
.border{ border-color:rgb(132, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(132, 145,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2520, 27.8007, 38.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 145, 163) }
```

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

```
.background{ background-color: rgb(132,  
145, 163) }
```

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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