

Converting Colors

XYZ(26.2009, 28.4836, 38.6812)

Have a look what the booklet for
XYZ(26.2009, 28.4836, 38.6812)
contains.

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Color

**XYZ(26.2540, 28.4913,
38.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	8194A3
RGB	129, 148, 163
RGB Percent	51%, 58%, 64%
CMY	0.4941, 0.4196, 0.3608
CMYK	0.21, 0.09, 0.00, 0.36
HSL	206°, 16%, 57%
HSV	206°, 21%, 64%
XYZ	26.2540, 28.4913, 38.7660
YIQ	144.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

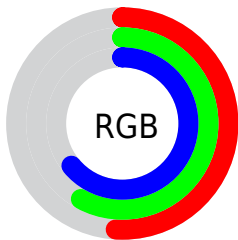
Format	Color
RYB	129, 141, 163
Decimal	8492195
CIELab	60.33, -3.38, -10.15
CIELCh	60, 10.696, 251.577
Yxy	28.4913, 0.2808, 0.3047
Android (android.graphics.Color)	4286682275 (0xFF8194A3)
YUV	144.0290, 9.3527, -13.1804
Hunter-Lab	53.3772, -5.6136, -5.6962

Details

The XYZ color **26.2540, 28.4913, 38.7660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0402, 29.3179, 24.8977**, and the grayscale version is **26.4898, 27.8693, 30.3497**.

A 20% lighter version of the original color is **53.0668, 57.2481, 74.5827**, and **10.3684, 11.3594, 16.6850** is the 20% darker color. If you saturate the color by 10%, you get **22.8800, 25.1300, 38.2955**, and if you desaturate by 10%, it is **30.0948, 32.1987, 39.2796**.

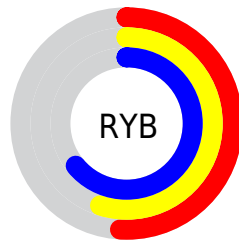
Distribution



Red (51%)

Green (58%)

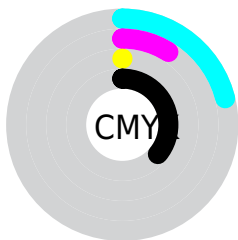
Blue (64%)



Red (51%)

Yellow (55%)

Blue (64%)

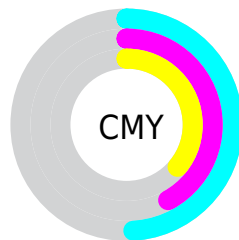


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2540, 28.4913, 38.7660 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 26.2540, 28.4913, 38.7660 by changing the saturation by 10% instead.

■ 26.2540, 28.4913,
38.7660

■ 26.2540, 28.4913,
38.7660

276.2606,
294.8071, 356.2908

■ 17.1474, 18.6963,
26.2713

■ 53.1128, 57.2679,
74.4971

■ 10.4356, 11.4511,
16.7991

■ 71.5958, 77.0183,
98.5706

■ 5.7532, 6.3711,
9.9309

■ 93.9349, 100.8559,
127.3408

■ 2.7348, 3.0720,
5.2482

120.4956,
129.1653, 161.2262

■ 1.0151, 1.1694,
2.3323

151.6431,
162.3307, 200.6453

■ 0.0000, 0.0365,
0.7492

187.7429,

■ 0.0000, 0.0000,

200.7365, 246.0168

0.0000

229.1603,
244.7672, 297.7591

■ 26.2540, 28.4913,
38.7660

■ 26.2540, 28.4913,
38.7660

■ 22.8800, 25.1300,
38.2955

■ 30.0948, 32.1987,
39.2796

■ 19.9502, 22.0991,
37.8649

■ 34.4185, 36.2602,
39.8357

■ 17.4441, 19.3868,
37.4735

■ 39.2435, 40.6877,
40.4360

■ 15.3381, 16.9791,
37.1197

■ 44.5866, 45.4917,
41.0816

■ 13.6064, 14.8605,
36.8021

■ 50.4635, 50.6819,
41.7737

■ 12.2196, 13.0138,
36.5187

■ 56.8895, 56.2679,
42.5132

■ 11.1434, 11.4191,
36.2676

■ 63.8791, 62.2587,
43.3012

■ 10.3605, 10.1434,
36.0627

■ 69.8081, 67.8187,
44.0619

■ 71.5737, 71.3499,
44.6504

Harmonies

Analogous

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



25.1521, 28.4913, 36.3174



26.2540, 28.4913, 38.7660



27.6136, 28.4913, 39.0379

Triad

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



26.2540, 28.4913, 38.7660



29.7508, 28.4913, 29.5289



25.3650, 28.4913, 25.7009

Complementary

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



26.2540, 28.4913, 38.7660



29.0402, 29.3179, 24.8977

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.



26.5536, 28.4913, 24.1865



26.2540, 28.4913, 38.7660



29.1043, 28.4913, 26.2685

Square

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



26.2540, 28.4913, 38.7660



29.6639, 28.4913, 33.4745



27.9234, 28.4913, 24.3851



24.6509, 28.4913, 28.6926

Rectangle

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



26.2540, 28.4913, 38.7660



28.4868, 28.4913, 37.9226



27.9234, 28.4913, 24.3851



25.7205, 28.4913, 25.0141

Sweetspot

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



26.2549, 28.4925, 38.7666



57.4627, 61.0371, 70.8089



27.1646, 32.8675, 31.1917



12.8003, 13.6094, 15.8897



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.



26.2549, 28.4925, 38.7666



44.1350, 48.1787, 69.0294



23.8168, 23.6163, 37.9540



7.0133, 7.4857, 8.9783



8.0977, 7.9748, 28.0423



0.2162, 0.2597, 0.6046

Inverse Universe

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



28.3005, 25.6258, 31.4730



48.5141, 42.2954, 53.3589



31.7655, 34.7687, 25.8062



7.2317, 7.1491, 8.2066



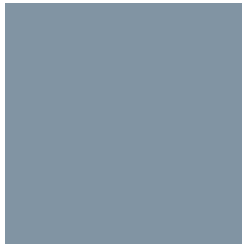
13.2328, 6.6492, 8.4166



0.3013, 0.1490, 0.2994

Previews

White Background



This preview shows how the XYZ color 26.2540, 28.4913, 38.7660 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 26.2540, 28.4913, 38.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

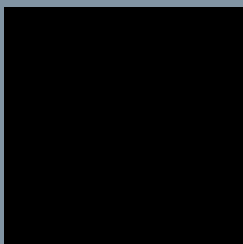
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

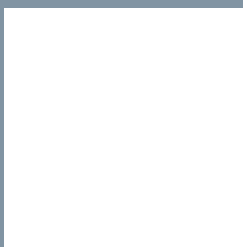
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2540, 28.4913, 38.7660

Background



This preview shows how black text looks on a background with the XYZ color 26.2540, 28.4913, 38.7660.



This preview shows how white text looks on a background with the XYZ color 26.2540, 28.4913,

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

26.2540, 28.4913, 38.7660

Protanopia

27.7340, 28.3594, 37.7304

Deuteranopia

28.8034, 28.2141, 39.0497



Tritanopia

25.8372, 28.3071, 37.3598

Trichromacy



Original Color

26.2540, 28.4913, 38.7660

Protanomaly

27.1282, 28.2627, 38.2079

Deuteranomaly

27.8294, 28.3776, 39.1326

Tritanomaly

25.9250, 28.3422, 37.8224

Monochromacy



Original Color

26.2540, 28.4913, 38.7660

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3588, 27.9741, 33.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2540, 28.4913, 38.7660 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(129, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(129, 148, 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(129, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 148, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.2540, 28.4913, 38.7660 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(129, 148, 163) }
```


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

```
.border{ border-color:rgb(129, 148, 163) }
```

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

Here you see how a box with a 4 pixel rgb(129, 148, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(129, 148,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2540, 28.4913, 38.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 148, 163) }
```

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

```
.background{ background-color: rgb(129,  
148, 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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