

Converting Colors

XYZ(28.7821, 31.7843, 38.7841)

Have a look what the booklet for
XYZ(28.7821, 31.7843, 38.7841)
contains.

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Color

**XYZ(28.7266, 31.7039,
38.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	899CA2
RGB	137, 156, 162
RGB Percent	54%, 61%, 64%
CMY	0.4627, 0.3882, 0.3647
CMYK	0.15, 0.04, 0.00, 0.36
HSL	194°, 12%, 59%
HSV	194°, 15%, 64%
XYZ	28.7266, 31.7039, 38.7878
YIQ	151.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

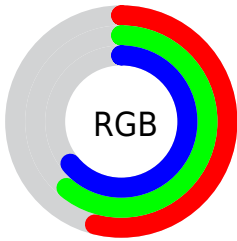
Format	Color
RYB	137, 148, 162
Decimal	9018530
CIELab	63.10, -5.39, -5.40
CIElCh	63, 7.633, 225.063
Yxy	31.7039, 0.2895, 0.3195
Android (android.graphics.Color)	4287208610 (0xFF899CA2)
YUV	151.0030, 5.4215, -12.2806
Hunter-Lab	56.3062, -7.4678, -1.4289

Details

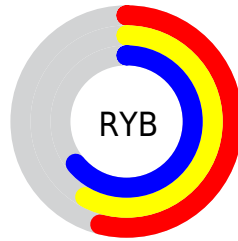
The XYZ color **28.7266, 31.7039, 38.7878** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2384, 29.1325, 27.7497**, and the grayscale version is **29.3990, 30.9301, 33.6828**.

A 20% lighter version of the original color is **57.0568, 62.1793, 74.6402**, and **11.7965, 13.2552, 16.6886** is the 20% darker color. If you saturate the color by 10%, you get **25.6262, 29.1536, 38.4595**, and if you desaturate by 10%, it is **32.2484, 34.5041, 39.1432**.

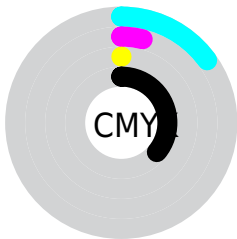
Distribution



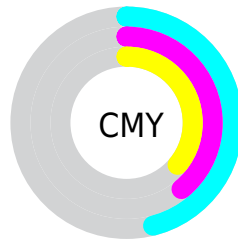
- Red (54%)
- Green (61%)
- Blue (64%)



- Red (54%)
- Yellow (58%)
- Blue (64%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7266, 31.7039, 38.7878 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 28.7266, 31.7039, 38.7878 by changing the saturation by 10% instead.

■ 28.7266, 31.7039,
38.7878

■ 28.7266, 31.7039,
38.7878

287.9403,
309.7682, 356.3865

■ 19.0173, 21.1354,
26.2881

■ 57.0430, 62.3466,
74.5308

■ 11.7869, 13.2230,
16.8116

■ 76.3808, 83.1896,
98.6112

■ 6.6699, 7.5823,
9.9397

■ 99.6589, 108.2263,
127.3890

■ 3.3010, 3.8289,
5.2539

127.2426,
137.8410, 161.2826

■ 1.3149, 1.5783,
2.3357

159.4972,
172.4182, 200.7106

■ 0.1943, 0.3429,
0.7511

196.7881,

■ 0.0000, 0.0000,

212.3422, 246.0915

0.0000

239.4807,
257.9974, 297.8440

■ 28.7266, 31.7039,
38.7878

■ 28.7266, 31.7039,
38.7878

■ 25.6262, 29.1536,
38.4595

■ 32.2484, 34.5041,
39.1432

■ 22.9267, 26.8398,
38.1551

■ 36.2058, 37.5593,
39.5243

■ 20.6096, 24.7536,
37.8746

■ 40.6154, 40.8792,
39.9327

■ 18.6541, 22.8839,
37.6168

■ 45.4924, 44.4718,
40.3691

■ 17.0372, 21.2186,
37.3805

■ 50.8510, 48.3448,
40.8342

■ 15.7332, 19.7441,
37.1647

■ 56.7049, 52.5055,
41.3288

■ 14.7124, 18.4449,
36.9677

■ 63.0674, 56.9610,
41.8534

■ 13.9365, 17.3007,
36.7877

■ 65.5526, 59.4505,
42.2030

■ 13.6212, 16.8078,
36.7092

■ 66.3890, 61.1232,
42.4818

Harmonies

Analogous

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



28.2213, 31.7039, 36.0484



28.7266, 31.7039, 38.7878



29.6149, 31.7039, 40.4287

Triad

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



28.7266, 31.7039, 38.7878



32.1316, 31.7039, 36.0358



29.6107, 31.7039, 29.2203

Complementary

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



28.7266, 31.7039, 38.7878



29.2384, 29.1325, 27.7497

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.



30.6583, 31.7039, 29.2173



28.7266, 31.7039, 38.7878



32.1304, 31.7039, 33.0357

Square

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



28.7266, 31.7039, 38.7878



31.5891, 31.7039, 38.7781



31.5858, 31.7039, 30.5776



28.7236, 31.7039, 30.5859

Rectangle

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



28.7266, 31.7039, 38.7878



30.3126, 31.7039, 40.6215



31.5858, 31.7039, 30.5776



29.9554, 31.7039, 29.0626

Sweetspot

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



28.7275, 31.7052, 38.7885



58.7728, 62.8181, 71.0836



28.1828, 33.1377, 30.8320



13.0981, 14.0288, 15.9550



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.



28.7275, 31.7052, 38.7885



49.8504, 55.6848, 70.1770



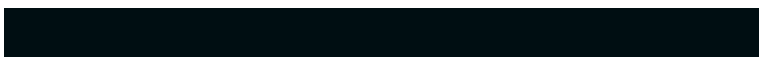
26.7616, 27.7734, 38.1332



7.1315, 7.7219, 9.0177



10.7655, 13.3103, 28.9315



0.2592, 0.3457, 0.6189

Inverse Universe

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



29.8475, 27.9738, 35.2803



52.3570, 47.5004, 62.2873



31.1931, 33.0419, 28.4013



7.2913, 7.1730, 8.5205



14.5794, 7.1878, 15.5075



0.3230, 0.1577, 0.4137

Previews

White Background



This preview shows how the XYZ color 28.7266, 31.7039, 38.7878 looks on a white background.

Color Contrast Check

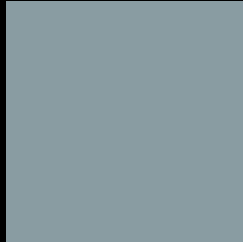
Large Text (above 18pt) WCAG AA × Fail

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 28.7266, 31.7039, 38.7878 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 ✓ Pass

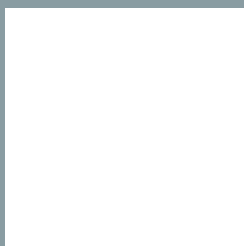
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7266, 31.7039, 38.7878

Background



This preview shows how black text looks on a background with the XYZ color 28.7266, 31.7039, 38.7878.



This preview shows how white text looks on a background with the XYZ color 28.7266, 31.7039,

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

28.7266, 31.7039, 38.7878

Protanopia

30.6231, 31.7320, 37.3118

Deuteranopia

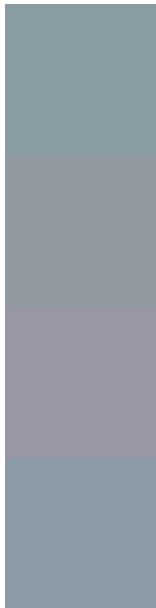
32.1910, 31.5415, 39.5134



Tritanopia

29.1776, 31.6360, 41.1277

Trichromacy



Original Color

28.7266, 31.7039, 38.7878

Protanomaly

29.7690, 31.5236, 37.7734

Deuteranomaly

30.8143, 31.5499, 39.1160

Tritanomaly

28.9941, 31.5626, 40.1613

Monochromacy



Original Color

28.7266, 31.7039, 38.7878

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1617, 31.2600, 35.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7266, 31.7039, 38.7878 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(137, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(137, 156, 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(137, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 28.7266, 31.7039, 38.7878 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(137, 156, 162) }
```


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

```
.border{ border-color:rgb(137, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(137, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7266, 31.7039, 38.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 156, 162) }
```

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

```
.background{ background-color: rgb(137,  
156, 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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