

Converting Colors

XYZ(28.2415, 25.6532, 38.2074)

Have a look what the booklet for
XYZ(28.2415, 25.6532, 38.2074)
contains.

XYZ(28.3038, 25.6775, 38.1148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3038, 25.6775,
38.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	9C82A3
RGB	156, 130, 163
RGB Percent	61%, 51%, 64%
CMY	0.3882, 0.4902, 0.3608
CMYK	0.04, 0.20, 0.00, 0.36
HSL	287°, 15%, 57%
HSV	287°, 20%, 64%
XYZ	28.3038, 25.6775, 38.1148
YIQ	141.5360, 4.9030, 15.7750

Conversions

Conversions Part 2

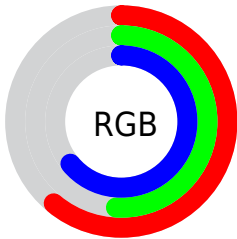
Format	Color
RYB	156, 130, 163
Decimal	10257059
CIELab	57.73, 16.09, -13.83
CIElCh	58, 21.220, 319.316
Yxy	25.6775, 0.3073, 0.2788
Android (android.graphics.Color)	4288447139 (0xFF9C82A3)
YUV	141.5360, 10.5818, 12.6849
Hunter-Lab	50.6730, 11.0249, -9.1252

Details

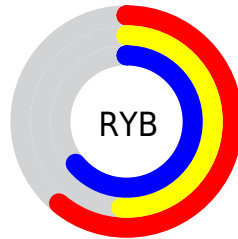
The XYZ color **28.3038, 25.6775, 38.1148** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **27.4438, 33.1251, 26.0676**, and the grayscale version is **25.4870, 26.8143, 29.2007**.

A 20% lighter version of the original color is **56.4523, 52.7778, 73.5414**, and **11.5206, 9.9756, 16.3572** is the 20% darker color. If you saturate the color by 10%, you get **25.6458, 21.3402, 37.4181**, and if you desaturate by 10%, it is **31.3259, 30.7138, 38.9280**.

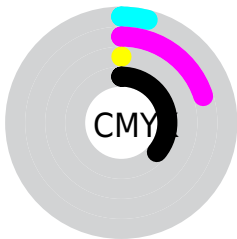
Distribution



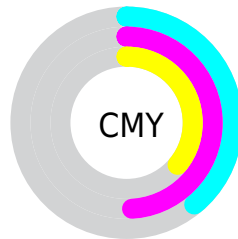
- Red (61%)
- Green (51%)
- Blue (64%)



- Red (61%)
- Yellow (51%)
- Blue (64%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3038, 25.6775, 38.1148 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 28.3038, 25.6775, 38.1148 by changing the saturation by 10% instead.

■ 28.3038, 25.6775,
38.1148

■ 28.3038, 25.6775,
38.1148

285.9696,
281.1953, 353.4251

■ 18.6964, 16.5825,
25.7693

■ 56.3744, 52.7542,
73.4894

■ 11.5538, 9.9373,
16.4269

■ 75.5683, 71.5048,
97.3556

■ 6.5107, 5.3574,
9.6691

■ 98.6884, 94.2426,
125.8991

■ 3.2016, 2.4585,
5.0774

126.1000,
121.3522, 159.5385

■ 1.2612, 0.8557,
2.2332

158.1687,
153.2178, 198.6922

■ 0.1539, 0.0000,
0.6934

195.2595,

■ 0.0000, 0.0000,

190.2240, 243.7789

0.0000

237.7381,
232.7550, 295.2170

■ 28.3038, 25.6775,
38.1148

■ 28.3038, 25.6775,
38.1148

■ 25.6458, 21.3402,
37.4181

■ 31.3259, 30.7138,
38.9280

■ 23.3331, 17.6662,
36.8308

■ 34.7250, 36.4759,
39.8611

■ 21.3492, 14.6216,
36.3477

■ 38.5162, 42.9934,
40.9193

■ 19.6746, 12.1683,
35.9625

■ 42.7129, 50.2933,
42.1071

■ 18.2883, 10.2640,
35.6680

■ 47.3282, 58.4009,
43.4287

■ 17.1658, 8.8605,
35.4562

■ 52.3743, 67.3407,
44.8884

■ 16.2790, 7.9014,
35.3178

■ 57.8629, 77.1362,
46.4898

■ 15.5771, 7.2666,
35.2323

■ 62.0572, 84.3130,
47.6540

■ 62.8937, 84.7443,
47.6931

Harmonies

Analogous

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



26.0588, 25.6775, 43.3621



28.3038, 25.6775, 38.1148



29.5318, 25.6775, 30.6353

Triad

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



28.3038, 25.6775, 38.1148



25.3233, 25.6775, 16.3335



20.0767, 25.6775, 32.8501

Complementary

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



28.3038, 25.6775, 38.1148



27.4438, 33.1251, 26.0676

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.



19.9100, 25.6775, 25.4422



28.3038, 25.6775, 38.1148



22.8241, 25.6775, 16.7176

Square

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



28.3038, 25.6775, 38.1148



27.7334, 25.6775, 18.6285



20.8830, 25.6775, 19.7885



21.3555, 25.6775, 39.9763

Rectangle

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



28.3038, 25.6775, 38.1148



29.5548, 25.6775, 25.7527



20.8830, 25.6775, 19.7885



19.8923, 25.6775, 30.2867

Sweetspot

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



28.3046, 25.6786, 38.1154



58.5338, 59.1091, 70.3802



24.7848, 25.3253, 38.2327



13.0640, 13.1362, 15.7845



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.



28.3046, 25.6786, 38.1154



48.6128, 42.5748, 67.7117



28.8913, 26.0743, 33.9300



7.2166, 7.1260, 8.8982



12.1449, 5.6674, 27.3836



0.2900, 0.1371, 0.5770

Inverse Universe

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



27.6031, 25.5590, 27.1465



47.1807, 42.3481, 44.5304



26.9898, 32.8152, 29.4729



7.1324, 7.1094, 7.6837



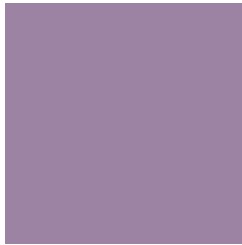
11.9839, 6.1496, 1.8401



0.2674, 0.1355, 0.1208

Previews

White Background



This preview shows how the XYZ color 28.3038, 25.6775, 38.1148 looks on a white background.

Color Contrast Check

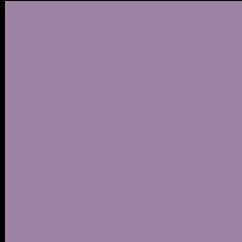
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3038, 25.6775, 38.1148 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 28.3038, 25.6775, 38.1148

Background



This preview shows how black text looks on a background with the XYZ color 28.3038, 25.6775, 38.1148.



This preview shows how white text looks on a background with the XYZ color 28.3038, 25.6775,

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

28.3038, 25.6775, 38.1148

Protanopia

25.6721, 25.9096, 40.6938

Deuteranopia

26.1701, 25.5993, 37.7443



Tritanopia

26.5584, 25.5610, 29.9195

Trichromacy



Original Color

28.3038, 25.6775, 38.1148

Protanomaly

26.5314, 25.7438, 39.6471

Deuteranomaly

26.7632, 25.4947, 37.6928

Tritanomaly

27.1636, 25.6069, 32.7891

Monochromacy



Original Color

28.3038, 25.6775, 38.1148

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6261, 26.5820, 32.5817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3038, 25.6775, 38.1148 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(156, 130, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 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(156, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.3038, 25.6775, 38.1148 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(156, 130, 163) }
```


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

```
.border{ border-color:rgb(156, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3038, 25.6775, 38.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 163) }
```

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

```
.background{ background-color: rgb(156,  
130, 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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