

Converting Colors

XYZ(28.3858, 27.7492, 40.4193)

Have a look what the booklet for
XYZ(28.3858, 27.7492, 40.4193)
contains.

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Color

**XYZ(28.3858, 27.7492,
40.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	938CA7
RGB	147, 140, 167
RGB Percent	58%, 55%, 65%
CMY	0.4235, 0.4510, 0.3451
CMYK	0.12, 0.16, 0.00, 0.35
HSL	256°, 13%, 60%
HSV	256°, 16%, 65%
XYZ	28.3858, 27.7492, 40.4193
YIQ	145.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

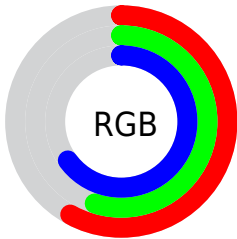
Format	Color
RYB	147, 140, 167
Decimal	9669799
CIELab	59.66, 8.09, -13.29
CIELCh	60, 15.555, 301.324
Yxy	27.7492, 0.2940, 0.2874
Android (android.graphics.Color)	4287859879 (0xFF938CA7)
YUV	145.1710, 10.7617, 1.6040
Hunter-Lab	52.6775, 4.0009, -8.6188

Details

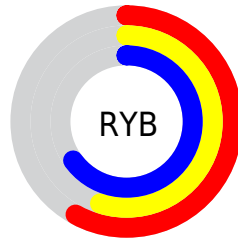
The XYZ color **28.3858, 27.7492, 40.4193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.0504, 37.0052, 30.2129**, and the grayscale version is **26.9428, 28.3459, 30.8687**.

A 20% lighter version of the original color is **56.5640, 56.2750, 76.9882**, and **11.5745, 11.0369, 17.7400** is the 20% darker color. If you saturate the color by 10%, you get **24.0282, 22.1516, 39.5690**, and if you desaturate by 10%, it is **33.3541, 34.2128, 41.4055**.

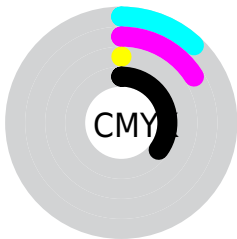
Distribution



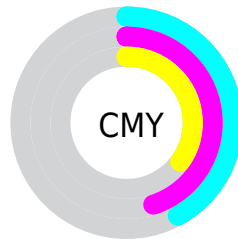
- Red (58%)
- Green (55%)
- Blue (65%)



- Red (58%)
- Yellow (55%)
- Blue (65%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3858, 27.7492, 40.4193 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 28.3858, 27.7492, 40.4193 by changing the saturation by 10% instead.

■ 28.3858, 27.7492,
40.4193

■ 28.3858, 27.7492,
40.4193

286.3526,
291.2666, 363.4922

■ 18.7586, 18.1367,
27.5493

■ 56.5042, 56.0838,
77.0456

■ 11.5990, 11.0482,
17.7502

■ 75.7260, 75.5746,
101.6391

■ 6.5415, 6.0992,
10.6032

■ 98.8769, 99.1271,
130.9775

■ 3.2208, 2.9055,
5.6899

126.3220,
127.1255, 165.4794

■ 1.2716, 1.0826,
2.5917

158.4268,
159.9542, 205.5632

■ 0.1618, 0.0000,
0.8882

195.5566,

■ 0.0000, 0.0000,

197.9977, 251.6476

0.0000

238.0767,
241.6404, 304.1511

■ 28.3858, 27.7492,
40.4193

■ 28.3858, 27.7492,
40.4193

■ 24.0282, 22.1516,
39.5690

■ 33.3541, 34.2128,
41.4055

■ 20.2545, 17.3794,
38.8467

■ 38.9532, 41.5738,
42.5312

■ 17.0398, 13.3939,
38.2469

■ 45.2056, 49.8663,
43.8023

■ 14.3562, 10.1518,
37.7625

■ 52.1318, 59.1215,
45.2237

■ 12.1735, 7.6056,
37.3861

■ 59.7514, 69.3693,
46.8001

■ 10.4581, 5.7021,
37.1091

■ 68.0832, 80.6381,
48.5360

■ 9.1717, 4.3803,
36.9218

■ 76.5350, 91.7345,
50.2324

■ 8.2652, 3.5583,
36.8109

■ 80.7302, 93.8973,
50.4287

■ 7.9837, 3.3100,
36.7778

■ 83.9751, 95.5701,
50.5806

Harmonies

Analogous

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



26.4621, 27.7492, 42.3587



28.3858, 27.7492, 40.4193



29.8263, 27.7492, 35.7029

Triad

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



28.3858, 27.7492, 40.4193



28.2275, 27.7492, 21.6891



22.7789, 27.7492, 30.4646

Complementary

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



28.3858, 27.7492, 40.4193



33.0504, 37.0052, 30.2129

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.



23.2004, 27.7492, 25.3189



28.3858, 27.7492, 40.4193



26.2877, 27.7492, 20.6458

Square

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



28.3858, 27.7492, 40.4193



29.7317, 27.7492, 24.9364



24.4611, 27.7492, 21.8899



23.2805, 27.7492, 36.1886

Rectangle

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



28.3858, 27.7492, 40.4193



30.2842, 27.7492, 31.8740



24.4611, 27.7492, 21.8899



22.8172, 27.7492, 28.6130

Sweetspot

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



28.3866, 27.7504, 40.4199



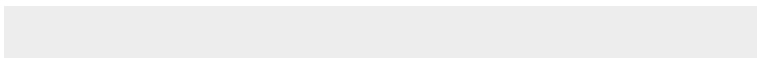
60.7580, 62.6120, 74.3583



30.4053, 33.5947, 41.4416



13.4522, 13.8225, 16.6111



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.3866, 27.7504, 40.4199



48.2414, 46.3477, 71.8787



30.9012, 29.0467, 40.5376



7.3074, 7.3911, 9.4598



6.1493, 2.5535, 28.1443



0.1961, 0.0861, 0.6869

Inverse Universe

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



31.6605, 29.5108, 37.2862



55.1313, 50.0546, 65.1955



30.5411, 35.7115, 30.0955



7.7576, 7.6329, 9.0408



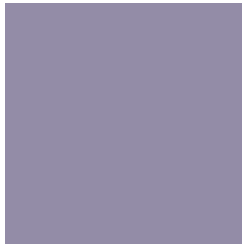
14.9852, 7.4028, 15.2654



0.3837, 0.1878, 0.4721

Previews

White Background



This preview shows how the XYZ color 28.3858, 27.7492, 40.4193 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 28.3858, 27.7492, 40.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

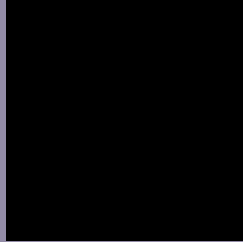
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3858, 27.7492, 40.4193

Background



This preview shows how black text looks on a background with the XYZ color 28.3858, 27.7492, 40.4193.



This preview shows how white text looks on a background with the XYZ color 28.3858, 27.7492,

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

28.3858, 27.7492, 40.4193

Protanopia

27.4819, 27.6995, 41.4342

Deuteranopia

28.2072, 27.6572, 40.4109



Tritanopia

27.1828, 27.6988, 34.4856

Trichromacy



Original Color

28.3858, 27.7492, 40.4193

Protanomaly

27.7481, 27.6277, 40.9160

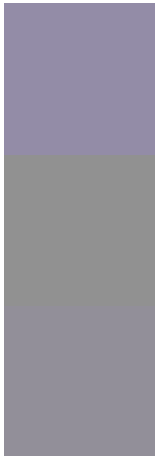
Deuteranomaly

28.2072, 27.6572, 40.4109

Tritanomaly

27.6369, 27.6639, 36.6839

Monochromacy



Original Color

28.3858, 27.7492, 40.4193

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4263, 28.0558, 34.1068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3858, 27.7492, 40.4193 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(147, 140, 167)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 167)  
}
```

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(147, 140, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.3858, 27.7492, 40.4193 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(147, 140, 167) }
```


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

```
.border{ border-color:rgb(147, 140, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 167);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3858, 27.7492, 40.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 167) }
```

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

```
.background{ background-color: rgb(147,  
140, 167) }
```

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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