

Converting Colors

XYZ(28.9099, 28.1037, 38.7190)

Have a look what the booklet for
XYZ(28.9099, 28.1037, 38.7190)
contains.

XYZ(28.9378, 28.0759, 38.5443)	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(28.9378, 28.0759,
38.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	988CA3
RGB	152, 140, 163
RGB Percent	60%, 55%, 64%
CMY	0.4039, 0.4510, 0.3608
CMYK	0.07, 0.14, 0.00, 0.36
HSL	271°, 11%, 59%
HSV	271°, 14%, 64%
XYZ	28.9378, 28.0759, 38.5443
YIQ	146.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

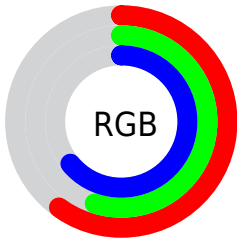
Format	Color
R_{YB}	152, 140, 163
Decimal	9997475
CIE Lab	59.96, 8.96, -10.52
CIE LCh	60, 13.821, 310.436
Yxy	28.0759, 0.3028, 0.2938
Android (android.graphics.Color)	4288187555 (0xFF988CA3)
YUV	146.2100, 8.2775, 5.0778
Hunter-Lab	52.9867, 4.7581, -6.0388

Details

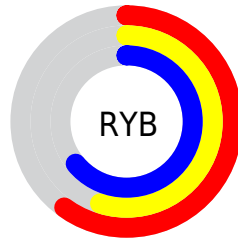
The XYZ color **28.9378, 28.0759, 38.5443** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5943, 34.6679, 29.8914**, and the grayscale version is **27.3756, 28.8013, 31.3646**.

A 20% lighter version of the original color is **57.4003, 56.7673, 74.2615**, and **11.8922, 11.2267, 16.5791** is the 20% darker color. If you saturate the color by 10%, you get **25.3189, 22.9332, 37.7428**, and if you desaturate by 10%, it is **33.0072, 33.9761, 39.4691**.

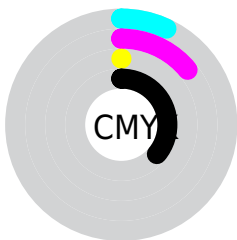
Distribution



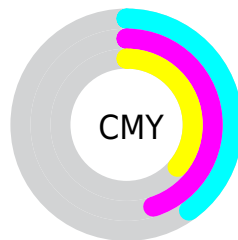
- Red (60%)
- Green (55%)
- Blue (64%)



- Red (60%)
- Yellow (55%)
- Blue (64%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9378, 28.0759, 38.5443 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 28.9378, 28.0759, 38.5443 by changing the saturation by 10% instead.

■ 28.9378, 28.0759,
38.5443

■ 28.9378, 28.0759,
38.5443

288.9209,
292.8294, 355.3171

■ 19.1778, 18.3829,
26.1003

■ 57.3765, 56.6056,
74.1543

■ 11.9036, 11.2252,
16.6723

■ 76.7859, 76.2111,
98.1574

■ 6.7498, 6.2185,
9.8416

■ 100.1425, 99.8895,
126.8506

■ 3.3511, 2.9784,
5.1898

127.8117,
128.0252, 160.6524

■ 1.3420, 1.1205,
2.2984

160.1587,
161.0027, 199.9814

■ 0.2143, 0.0000,
0.7303

197.5490,

■ 0.0000, 0.0000,

199.2063, 245.2562

0.0000

240.3480,
243.0204, 296.8952

■ 28.9378, 28.0759,
38.5443

■ 28.9378, 28.0759,
38.5443

■ 25.3189, 22.9332,
37.7428

■ 33.0072, 33.9761,
39.4691

■ 22.1306, 18.5126,
37.0576

■ 37.5408, 40.6601,
40.5203

■ 19.3553, 14.7810,
36.4836

■ 42.5548, 48.1574,
41.7032

■ 16.9730, 11.7015,
36.0148

■ 48.0640, 56.4948,
43.0221

■ 14.9620, 9.2334,
35.6444

■ 54.0823, 65.6980,
44.4813

13.2980, 7.3315,
35.3650

60.6232, 75.7914,
46.0848

11.9535, 5.9437,
35.1680

67.6997, 86.7986,
47.8364

10.8957, 5.0080,
35.0431

70.2114, 88.5166,
48.0356

10.3606, 4.5774,
34.9882

72.5469, 89.7207,
48.1449

Harmonies

Analogous

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



27.3021, 28.0759, 41.1106



28.9378, 28.0759, 38.5443



29.9981, 28.0759, 33.9269

Triad

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



28.9378, 28.0759, 38.5443



27.8331, 28.0759, 22.3268



23.4977, 28.0759, 32.3567

Complementary

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



28.9378, 28.0759, 38.5443



30.5943, 34.6679, 29.8914

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.



23.6259, 28.0759, 27.4420



28.9378, 28.0759, 38.5443



26.0778, 28.0759, 22.0050

Square

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



28.9378, 28.0759, 38.5443



29.3411, 28.0759, 24.7122



24.5528, 28.0759, 23.7790



24.1948, 28.0759, 37.2869

Rectangle

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



28.9378, 28.0759, 38.5443



30.2094, 28.0759, 30.4964



24.5528, 28.0759, 23.7790



23.4465, 28.0759, 30.6435

Sweetspot

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



28.9386, 28.0771, 38.5449



59.1392, 60.8867, 70.6915



28.5125, 30.3916, 39.0141



13.1571, 13.4917, 15.8482



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.



28.9386, 28.0771, 38.5449



49.6615, 47.1847, 68.5462



31.0597, 29.1745, 38.4652



7.0365, 7.0332, 8.8897



8.1047, 3.5846, 27.1945



0.2245, 0.1033, 0.5740

Inverse Universe

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



30.0692, 28.7783, 33.2495



52.1234, 48.7112, 57.0364



28.6754, 33.6753, 29.9494



7.2082, 7.1398, 8.0830



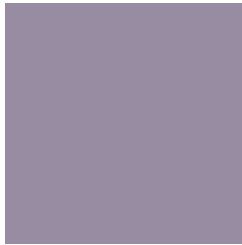
12.8293, 6.4878, 6.2916



0.2934, 0.1459, 0.2579

Previews

White Background



This preview shows how the XYZ color 28.9378, 28.0759, 38.5443 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 28.9378, 28.0759, 38.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

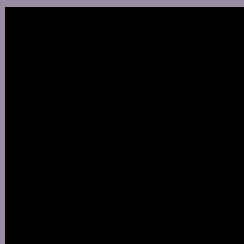
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9378, 28.0759, 38.5443

Background



This preview shows how black text looks on a background with the XYZ color 28.9378, 28.0759, 38.5443.



This preview shows how white text looks on a background with the XYZ color 28.9378, 28.0759,

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

28.9378, 28.0759, 38.5443

Protanopia

27.5985, 28.0243, 39.5519

Deuteranopia

28.7134, 28.1781, 38.5759



Tritanopia

28.0004, 28.1299, 34.0908

Trichromacy



Original Color

28.9378, 28.0759, 38.5443

Protanomaly

28.0509, 28.0461, 39.0570

Deuteranomaly

28.8982, 28.2734, 38.5845

Tritanomaly

28.3732, 28.0634, 35.8196

Monochromacy



Original Color

28.9378, 28.0759, 38.5443

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8535, 28.5094, 33.7406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9378, 28.0759, 38.5443 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(152, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(152, 140, 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(152, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 140, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.9378, 28.0759, 38.5443 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(152, 140, 163) }
```


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

```
.border{ border-color:rgb(152, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(152, 140,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9378, 28.0759, 38.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 140, 163) }
```

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

```
.background{ background-color: rgb(152,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor