

Converting Colors

XYZ(29.4026, 27.8643, 39.9511)

Have a look what the booklet for
XYZ(29.4026, 27.8643, 39.9511)
contains.

XYZ(29.2978, 27.8002, 39.8982)	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(29.2978, 27.8002,
39.8982)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8AA6
RGB	154, 138, 166
RGB Percent	60%, 54%, 65%
CMY	0.3961, 0.4588, 0.3490
CMYK	0.07, 0.17, 0.00, 0.35
HSL	274°, 14%, 60%
HSV	274°, 17%, 65%
XYZ	29.2978, 27.8002, 39.8982
YIQ	145.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

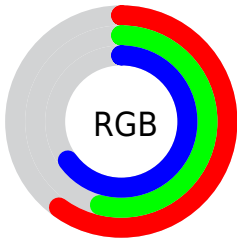
Format	Color
RYB	154, 138, 166
Decimal	10128038
CIELab	59.71, 11.43, -12.59
CIElCh	60, 17.002, 312.238
Yxy	27.8002, 0.3021, 0.2866
Android (android.graphics.Color)	4288318118 (0xFF9A8AA6)
YUV	145.9760, 9.8718, 7.0370
Hunter-Lab	52.7259, 6.9154, -7.9572

Details

The XYZ color **29.2978, 27.8002, 39.8982** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8025, 35.5922, 29.2927**, and the grayscale version is **27.2732, 28.6935, 31.2472**.

A 20% lighter version of the original color is **57.9764, 56.0374, 76.1672**, and **12.1205, 11.0779, 17.4190** is the 20% darker color. If you saturate the color by 10%, you get **25.7817, 22.7188, 39.1031**, and if you desaturate by 10%, it is **33.2599, 33.6534, 40.8196**.

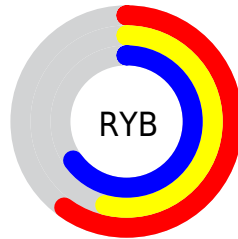
Distribution



Red (60%)

Green (54%)

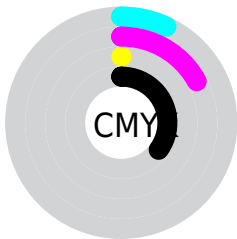
Blue (65%)



Red (60%)

Yellow (54%)

Blue (65%)

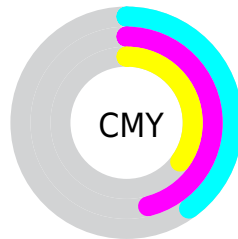


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2978, 27.8002, 39.8982 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 29.2978, 27.8002, 39.8982 by changing the saturation by 10% instead.

■ 29.2978, 27.8002,
39.8982

■ 29.2978, 27.8002,
39.8982

290.5864,
291.5110, 361.2336

■ 19.4516, 18.1751,
27.1460

■ 57.9442, 56.1653,
76.2439

■ 12.1030, 11.0758,
17.4495

■ 77.4751, 75.6741,
100.6744

■ 6.8866, 6.1178,
10.3902

■ 100.9650, 99.2462,
129.8348

■ 3.4370, 2.9169,
5.5494

128.7792,
127.2661, 164.1436

■ 1.3888, 1.0885,
2.5088

161.2831,
160.1181, 204.0194

■ 0.2482, 0.0000,
0.8448

198.8420,

■ 0.0000, 0.0000,

198.1867, 249.8806

0.0000

241.8213,
241.8562, 302.1458

■ 29.2978, 27.8002,
39.8982

■ 29.2978, 27.8002,
39.8982

■ 25.7817, 22.7188,
39.1031

■ 33.2599, 33.6534,
40.8196

■ 22.6912, 18.3720,
38.4270

■ 37.6822, 40.3064,
41.8707

■ 20.0081, 14.7247,
37.8644

■ 42.5814, 47.7901,
43.0569

■ 17.7114, 11.7376,
37.4089

■ 47.9726, 56.1327,
44.3831

■ 15.7785, 9.3673,
37.0533

■ 53.8701, 65.3610,
45.8535

■ 14.1838, 7.5651,
36.7894

■ 60.2877, 75.5008,
47.4724

■ 12.8978, 6.2743,
36.6081

■ 67.2385, 86.5767,
49.2439

■ 11.8778, 5.4120,
36.4954

■ 69.4845, 88.1105,
49.4216

■ 11.5868, 5.1781,
36.4656

■ 71.5673, 89.1842,
49.5191

Harmonies

Analogous

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



27.3084, 27.8002, 43.3626



29.2978, 27.8002, 39.8982



30.5547, 27.8002, 34.0233

Triad

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



29.2978, 27.8002, 39.8982



27.7033, 27.8002, 20.3451



22.5892, 27.8002, 32.8467

Complementary

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



29.2978, 27.8002, 39.8982



30.8025, 35.5922, 29.2927

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.



22.6821, 27.8002, 26.8028



29.2978, 27.8002, 39.8982



25.5575, 27.8002, 20.1195

Square

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



29.2978, 27.8002, 39.8982



29.6004, 27.8002, 22.9947



23.7432, 27.8002, 22.3301



23.4820, 27.8002, 38.9369

Rectangle

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



29.2978, 27.8002, 39.8982



30.7686, 27.8002, 29.8102



23.7432, 27.8002, 22.3301



22.5076, 27.8002, 30.7339

Sweetspot

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



29.2986, 27.8014, 39.8988



61.7238, 63.1099, 74.4035



28.2929, 30.0129, 40.3787



13.6958, 13.9481, 16.6225



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.



29.2986, 27.8014, 39.8988



50.8457, 47.0664, 71.8801



31.5281, 28.9703, 39.1158



7.5267, 7.5041, 9.4701



9.0392, 4.0433, 28.2795



0.2767, 0.1277, 0.6907

Inverse Universe

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



30.3204, 28.4873, 32.7563



53.0737, 48.5591, 56.4334



28.8423, 34.5660, 29.9126



7.6596, 7.5937, 8.5246



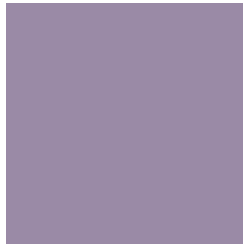
13.1029, 6.6499, 5.3533



0.3446, 0.1721, 0.2661

Previews

White Background



This preview shows how the XYZ color 29.2978, 27.8002, 39.8982 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 29.2978, 27.8002, 39.8982 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 29.2978, 27.8002, 39.8982

Background



This preview shows how black text looks on a background with the XYZ color 29.2978, 27.8002, 39.8982.



This preview shows how white text looks on a background with the XYZ color 29.2978, 27.8002,

39.8982.

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

29.2978, 27.8002, 39.8982

Protanopia

27.6314, 27.9985, 41.4840

Deuteranopia

28.4738, 27.8052, 39.9426



Tritanopia

28.1413, 27.9922, 33.6256

Trichromacy



Original Color

29.2978, 27.8002, 39.8982

Protanomaly

28.0944, 27.8062, 40.9322

Deuteranomaly

28.6932, 27.7024, 39.9112

Tritanomaly

28.6008, 27.9628, 35.7882

Monochromacy



Original Color

29.2978, 27.8002, 39.8982

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9667, 28.3344, 34.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2978, 27.8002, 39.8982 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(154, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(154, 138, 166)  
}
```

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(154, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 138, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.2978, 27.8002, 39.8982 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(154, 138, 166) }
```


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

```
.border{ border-color:rgb(154, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(154, 138,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2978, 27.8002, 39.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 138, 166) }
```

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

```
.background{ background-color: rgb(154,  
138, 166) }
```

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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