

Converting Colors

XYZ(28.5200, 27.9137, 39.7827)

Have a look what the booklet for
XYZ(28.5200, 27.9137, 39.7827)
contains.

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Color

**XYZ(28.4738, 27.8052,
39.9426)**

Conversions

Conversions Part 1

Format	Color
Hex	948CA6
RGB	148, 140, 166
RGB Percent	58%, 55%, 65%
CMY	0.4196, 0.4510, 0.3490
CMYK	0.11, 0.16, 0.00, 0.35
HSL	258°, 13%, 60%
HSV	258°, 16%, 65%
XYZ	28.4738, 27.8052, 39.9426
YIQ	145.3560, -3.5780, 9.7820

Conversions

Conversions Part 2

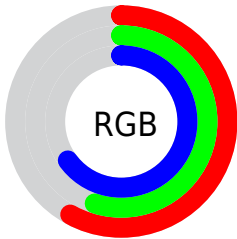
Format	Color
R_{YB}	148, 140, 166
Decimal	9735334
CIE _{Lab}	59.71, 8.21, -12.63
CIE _{LCh}	60, 15.067, 303.028
Yxy	27.8052, 0.2959, 0.2890
Android (android.graphics.Color)	4287925414 (0xFF948CA6)
YUV	145.3560, 10.1775, 2.3188
Hunter-Lab	52.7306, 4.1089, -7.9998

Details

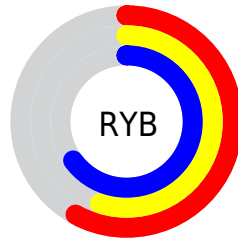
The XYZ color **28.4738, 27.8052, 39.9426** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.4712, 36.4356, 30.1335**, and the grayscale version is **27.0200, 28.4272, 30.9572**.

A 20% lighter version of the original color is **56.7001, 56.3606, 76.2969**, and **11.6232, 11.0686, 17.4434** is the 20% darker color. If you saturate the color by 10%, you get **24.2523, 22.2963, 39.1022**, and if you desaturate by 10%, it is **33.2693, 34.1547, 40.9159**.

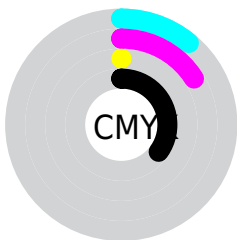
Distribution



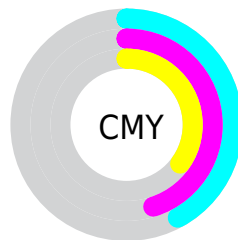
- Red (58%)
- Green (55%)
- Blue (65%)



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



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4738, 27.8052, 39.9426 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 28.4738, 27.8052, 39.9426 by changing the saturation by 10% instead.

■ 28.4738, 27.8052,
39.9426

■ 28.4738, 27.8052,
39.9426

286.7632,
291.5349, 361.4265

■ 18.8254, 18.1789,
27.1803

■ 56.6434, 56.1733,
76.3122

■ 11.6474, 11.0785,
17.4751

■ 75.8953, 75.6838,
100.7567

■ 6.5746, 6.1196,
10.4083

■ 99.0790, 99.2579,
129.9323

■ 3.2414, 2.9180,
5.5613

126.5600,
127.2799, 164.2576

■ 1.2827, 1.0891,
2.5158

158.7035,
160.1342, 204.1511

■ 0.1702, 0.0000,
0.8485

195.8750,

■ 0.0000, 0.0000,

198.2052, 250.0314

0.0000

238.4398,
241.8773, 302.3170

■ 28.4738, 27.8052,
39.9426

■ 28.4738, 27.8052,
39.9426

■ 24.2523, 22.2963,
39.1022

■ 33.2693, 34.1547,
40.9159

■ 20.5800, 17.5888,
38.3871

■ 38.6574, 41.3749,
42.0255

■ 17.4340, 13.6454,
37.7918

■ 44.6589, 49.4986,
43.2772

■ 14.7884, 10.4245,
37.3095

■ 51.2927, 58.5561,
44.6759

■ 12.6153, 7.8805,
36.9330

■ 58.5771, 68.5759,
46.2260

■ 10.8837, 5.9623,
36.6540

■ 66.5294, 79.5856,
47.9319

■ 9.5584, 4.6113,
36.4631

■ 74.7812, 90.8410,
49.6695

■ 8.5954, 3.7520,
36.3480

■ 78.5591, 92.7886,
49.8463

■ 8.2520, 3.4589,
36.3095

■ 82.5841, 94.8636,
50.0347

Harmonies

Analogous

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



26.6218, 27.8052, 41.9971



28.4738, 27.8052, 39.9426



29.8265, 27.8052, 35.2833

Triad

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



28.4738, 27.8052, 39.9426



28.1233, 27.8052, 21.8601



22.9385, 27.8052, 30.8323

Complementary

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



28.4738, 27.8052, 39.9426



32.4712, 36.4356, 30.1335

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.



23.2980, 27.8052, 25.7648



28.4738, 27.8052, 39.9426



26.2351, 27.8052, 20.9666

Square

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



28.4738, 27.8052, 39.9426



29.6174, 27.8052, 24.9131



24.4826, 27.8052, 22.3088



23.4763, 27.8052, 36.3561

Rectangle

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



28.4738, 27.8052, 39.9426



30.2305, 27.8052, 31.5656



24.4826, 27.8052, 22.3088



22.9585, 27.8052, 29.0203

Sweetspot

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



28.4746, 27.8064, 39.9432



60.9065, 62.6886, 74.3653



29.9600, 32.8515, 40.8387



13.4896, 13.8418, 16.6129



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.



28.4746, 27.8064, 39.9432



48.7303, 46.5997, 71.9016



30.9195, 29.0667, 40.0576



7.3408, 7.4083, 9.4614



6.4419, 2.7044, 28.1580



0.2084, 0.0924, 0.6875

Inverse Universe

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



31.2764, 29.3329, 36.3621



54.8903, 49.9582, 63.9265



30.0830, 35.2045, 30.0218



7.7422, 7.6267, 8.9594



14.6126, 7.2538, 13.3034



0.3768, 0.1850, 0.4357

Previews

White Background



This preview shows how the XYZ color 28.4738, 27.8052, 39.9426 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 28.4738, 27.8052, 39.9426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

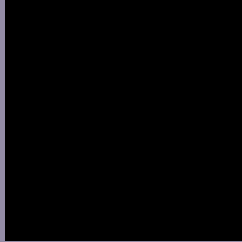
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4738, 27.8052, 39.9426

Background



This preview shows how black text looks on a background with the XYZ color 28.4738, 27.8052, 39.9426.



This preview shows how white text looks on a background with the XYZ color 28.4738, 27.8052,

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

28.4738, 27.8052, 39.9426

Protanopia

27.5378, 27.9610, 40.9914

Deuteranopia

28.2936, 27.7124, 39.9342



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

28.4738, 27.8052, 39.9426

Protanomaly

27.8034, 27.8868, 40.4765

Deuteranomaly

28.2936, 27.7124, 39.9342

Tritanomaly

27.7291, 27.7214, 36.2370

Monochromacy



Original Color

28.4738, 27.8052, 39.9426

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 28.4738, 27.8052, 39.9426 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(148, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 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(148, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.4738, 27.8052, 39.9426 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(148, 140, 166) }
```


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

```
.border{ border-color:rgb(148, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4738, 27.8052, 39.9426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 166) }
```

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

```
.background{ background-color: rgb(148,  
140, 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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