

Converting Colors

XYZ(29.4372, 28.8568, 42.7648)

Have a look what the booklet for
XYZ(29.4372, 28.8568, 42.7648)
contains.

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Color

**XYZ(29.3859, 28.8811,
42.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	948FAB
RGB	148, 143, 171
RGB Percent	58%, 56%, 67%
CMY	0.4196, 0.4392, 0.3294
CMYK	0.13, 0.16, 0.00, 0.33
HSL	251°, 14%, 62%
HSV	251°, 16%, 67%
XYZ	29.3859, 28.8811, 42.5539
YIQ	147.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

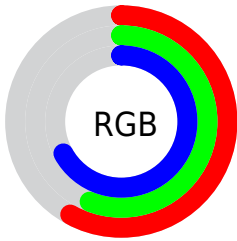
Format	Color
R_{YB}	148, 143, 171
Decimal	9736107
CIE Lab	60.68, 7.59, -14.02
CIE LCh	61, 15.947, 298.426
Yxy	28.8811, 0.2915, 0.2865
Android (android.graphics.Color)	4287926187 (0xFF948FAB)
YUV	147.6870, 11.4933, 0.2745
Hunter-Lab	53.7411, 3.5576, -9.3289

Details

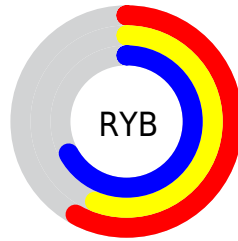
The XYZ color **29.3859, 28.8811, 42.5539** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.2477, 39.2167, 31.6998**, and the grayscale version is **27.9742, 29.4311, 32.0504**.

A 20% lighter version of the original color is **58.0508, 57.9800, 80.0832**, and **12.1739, 11.7020, 19.0698** is the 20% darker color. If you saturate the color by 10%, you get **24.6235, 22.9019, 41.6513**, and if you desaturate by 10%, it is **34.8498, 35.8043, 43.6027**.

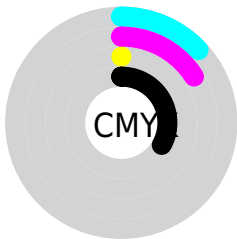
Distribution



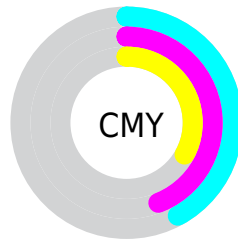
- Red (58%)
- Green (56%)
- Blue (67%)



- Red (58%)
- Yellow (56%)
- Blue (67%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3859, 28.8811, 42.5539 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 29.3859, 28.8811, 42.5539 by changing the saturation by 10% instead.

■ 29.3859, 28.8811,
42.5539

■ 29.3859, 28.8811,
42.5539

290.9929,
296.6535, 372.6411

■ 19.5187, 18.9909,
29.2064

■ 58.0830, 57.8881,
80.3164

■ 12.1519, 11.6637,
18.9901

■ 77.6435, 77.7737,
105.5685

■ 6.9201, 6.5151,
11.4864

■ 101.1659,
101.7599, 135.6258

■ 3.4581, 3.1608,
6.2767

129.0155,
130.2311, 170.9071

■ 1.4004, 1.2162,
2.9426

161.5577,
163.5717, 211.8307

■ 0.2565, 0.0749,
1.0654

199.1577,

■ 0.0000, 0.0000,

202.1660, 258.8152

0.0000

242.1810,
246.3985, 312.2792

■ 29.3859, 28.8811,
42.5539

■ 29.3859, 28.8811,
42.5539

■ 24.6235, 22.9019,
41.6513

■ 34.8498, 35.8043,
43.6027

■ 20.5313, 17.8221,
40.8864

■ 41.0394, 43.7064,
44.8017

■ 17.0794, 13.5988,
40.2532

■ 47.9813, 52.6248,
46.1573

■ 14.2349, 10.1844,
39.7441

■ 55.6997, 62.5941,
47.6747

■ 11.9616, 7.5263,
39.3508

■ 64.2177, 73.6469,
49.3592

■ 10.2193, 5.5657,
39.0642

■ 73.5577, 85.8148,
51.2156

■ 8.9624, 4.2350,
38.8736

■ 81.2337, 94.1134,
52.4128

■ 8.1326, 3.4433,
38.7645

■ 84.3508, 95.7203,
52.5587

■ 7.9017, 3.2243,
38.7344

Harmonies

Analogous

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



27.3416, 28.8811, 44.2493



29.3859, 28.8811, 42.5539



30.9770, 28.8811, 37.7895

Triad

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



29.3859, 28.8811, 42.5539



29.5842, 28.8811, 22.7135



23.6670, 28.8811, 31.1350

Complementary

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



29.3859, 28.8811, 42.5539



35.2477, 39.2167, 31.6998

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.



24.2025, 28.8811, 25.8564



29.3859, 28.8811, 42.5539



27.5599, 28.8811, 21.3874

Square

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



29.3859, 28.8811, 42.5539



31.0955, 28.8811, 26.3346



25.6022, 28.8811, 22.4627



24.1023, 28.8811, 37.1807

Rectangle

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



29.3859, 28.8811, 42.5539



31.5303, 28.8811, 33.7856



25.6022, 28.8811, 22.4627



23.7389, 28.8811, 29.2181

Sweetspot

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



29.3868, 28.8823, 42.5545



63.7633, 65.8410, 78.3498



32.3762, 36.1745, 43.8045



14.0589, 14.4784, 17.4413



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.3868, 28.8823, 42.5545



49.0863, 47.2644, 75.5377



32.0068, 30.2330, 42.6772



7.7073, 7.8234, 10.0565



5.9896, 2.4476, 29.2013



0.2054, 0.0881, 0.8142

Inverse Universe

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



33.5009, 31.0572, 40.3067



58.0239, 51.9916, 70.5479



32.5331, 37.8173, 31.5727



8.2748, 8.1232, 9.7579



16.2729, 7.9717, 19.6145



0.4685, 0.2281, 0.6289

Previews

White Background



This preview shows how the XYZ color 29.3859, 28.8811, 42.5539 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 29.3859, 28.8811, 42.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

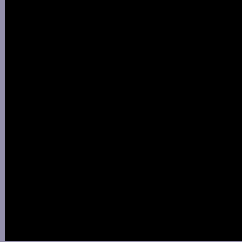
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3859, 28.8811, 42.5539

Background



This preview shows how black text looks on a background with the XYZ color 29.3859, 28.8811, 42.5539.



This preview shows how white text looks on a background with the XYZ color 29.3859, 28.8811,

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

29.3859, 28.8811, 42.5539

Protanopia

28.5563, 28.8921, 43.1014

Deuteranopia

29.5676, 28.9748, 42.5624



Tritanopia

28.0653, 28.7961, 35.9773

Trichromacy



Original Color

29.3859, 28.8811, 42.5539

Protanomaly

28.9213, 28.8544, 43.0749

Deuteranomaly

29.5676, 28.9748, 42.5624

Tritanomaly

28.5275, 28.7582, 38.2297

Monochromacy



Original Color

29.3859, 28.8811, 42.5539

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4924, 29.2540, 35.5974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3859, 28.8811, 42.5539 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, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(148, 143, 171)  
}
```

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, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.3859, 28.8811, 42.5539 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, 143, 171) }
```


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

```
.border{ border-color:rgb(148, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(148, 143,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3859, 28.8811, 42.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 143, 171) }
```

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

```
.background{ background-color: rgb(148,  
143, 171) }
```

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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