

Converting Colors

XYZ(38.4035, 39.8865, 55.1449)

Have a look what the booklet for
XYZ(38.4035, 39.8865, 55.1449)
contains.

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Color

**XYZ(38.2899, 39.7146,
54.9378)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A9BF
RGB	161, 169, 191
RGB Percent	63%, 66%, 75%
CMY	0.3686, 0.3372, 0.2510
CMYK	0.16, 0.12, 0.00, 0.25
HSL	224°, 19%, 69%
HSV	224°, 16%, 75%
XYZ	38.2899, 39.7146, 54.9378
YIQ	169.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

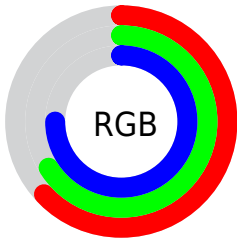
Format	Color
RYB	161, 167, 191
Decimal	10594751
CIELab	69.27, 1.75, -12.21
CIELCh	69, 12.336, 278.164
Yxy	39.7146, 0.2880, 0.2987
Android (android.graphics.Color)	4288784831 (0xFFA1A9BF)
YUV	169.1160, 10.7888, -7.1177
Hunter-Lab	63.0195, -1.8297, -7.5729

Details

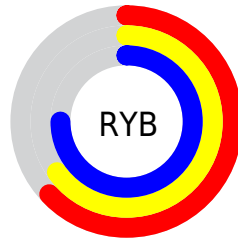
The XYZ color **38.2899, 39.7146, 54.9378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8527, 47.5165, 40.5267**, and the grayscale version is **37.7229, 39.6875, 43.2196**.

A 20% lighter version of the original color is **71.7631, 74.6256, 98.6176**, and **17.2554, 17.8088, 26.5727** is the 20% darker color. If you saturate the color by 10%, you get **32.2637, 32.9459, 53.9496**, and if you desaturate by 10%, it is **45.1856, 47.3480, 56.0484**.

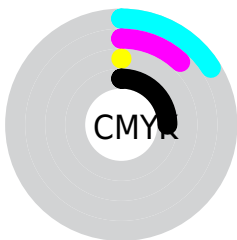
Distribution



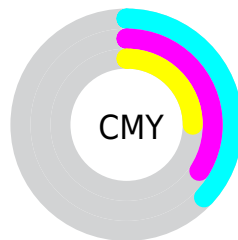
- Red (63%)
- Green (66%)
- Blue (75%)



- Red (63%)
- Yellow (65%)
- Blue (75%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2899, 39.7146, 54.9378 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 38.2899, 39.7146, 54.9378 by changing the saturation by 10% instead.

■ 38.2899, 39.7146,
54.9378

■ 38.2899, 39.7146,
54.9378

330.1213,
344.9192, 422.9514

■ 26.3860, 27.3161,
38.9537

■ 71.8533, 74.7287,
98.9201

■ 17.2468, 17.8108,
26.4161

■ 94.2435, 98.1131,
127.7552

■ 10.5070, 10.8142,
16.9067

120.8599,
125.9283, 161.7112

■ 5.8012, 5.9420,
10.0067

152.0677,
158.5586, 201.2065

■ 2.7641, 2.8099,
5.2977

188.2325,
196.3884, 246.6596

■ 1.0303, 1.0333,
2.3612

229.7194,

■ 0.0000, 0.0000,

239.8022, 298.4891

0.7652

276.8939,
289.1843, 357.1135

■ 0.0000, 0.0000,
0.0000

■ 38.2899, 39.7146,
54.9378

■ 38.2899, 39.7146,
54.9378

■ 32.2637, 32.9459,
53.9496

■ 45.1856, 47.3480,
56.0484

■ 27.0680, 27.0056,
53.0768

■ 52.9806, 55.8706,
57.2826

■ 22.6662, 21.8624,
52.3161

■ 61.7073, 65.3123,
58.6450

■ 19.0174, 17.4806,
51.6626

■ 71.3958, 75.6998,
60.1394

■ 16.0770, 13.8219,
51.1114

■ 81.5197, 86.7728,
61.7431

■ 13.7952, 10.8443,
50.6569

■ 85.7809, 95.2953,
63.1635

■ 12.1151, 8.5009,
50.2931

■ 86.4041, 96.5416,
63.3713

■ 10.9679, 6.7369,
50.0131

■ 10.5856, 6.1246,
49.9151

Harmonies

Analogous

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



36.3513, 39.7146, 54.1548



38.2899, 39.7146, 54.9378



40.1453, 39.7146, 52.3785

Triad

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



38.2899, 39.7146, 54.9378



40.8156, 39.7146, 36.8586



34.3280, 39.7146, 39.3185

Complementary

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



38.2899, 39.7146, 54.9378



44.8527, 47.5165, 40.5267

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.



35.4472, 39.7146, 35.2358



38.2899, 39.7146, 54.9378



39.1790, 39.7146, 33.9043

Square

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



38.2899, 39.7146, 54.9378



41.6364, 39.7146, 41.7149



37.2103, 39.7146, 33.3372



34.1087, 39.7146, 44.8069

Rectangle

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



38.2899, 39.7146, 54.9378



41.0697, 39.7146, 49.2425



37.2103, 39.7146, 33.3372



34.6095, 39.7146, 37.7507

Sweetspot

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



38.2911, 39.7162, 54.9387



81.7543, 85.7092, 100.5138



41.8248, 48.2375, 51.6345



17.7464, 18.5944, 22.0390



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.2911, 39.7162, 54.9387



64.5229, 66.5978, 97.7331



38.1919, 37.5223, 54.5204



9.2180, 9.6283, 12.0448



7.0142, 4.1401, 32.8223



0.3307, 0.2740, 1.3043

Inverse Universe

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



41.3931, 39.4317, 42.9674



71.2137, 66.1088, 71.8839



44.9517, 50.0877, 41.0178



9.6319, 9.5770, 10.4505



14.5412, 7.4476, 2.8777



0.5978, 0.3030, 0.2614

Previews

White Background



This preview shows how the XYZ color 38.2899, 39.7146, 54.9378 looks on a white background.

Color Contrast Check

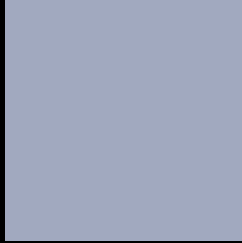
Large Text (above 18pt) WCAG AA × Fail

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 38.2899, 39.7146, 54.9378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

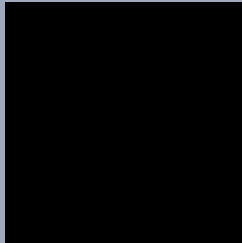
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

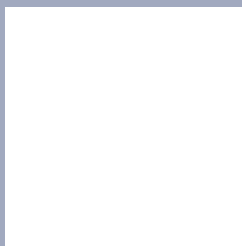
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2899, 39.7146, 54.9378

Background



This preview shows how black text looks on a background with the XYZ color 38.2899, 39.7146, 54.9378.



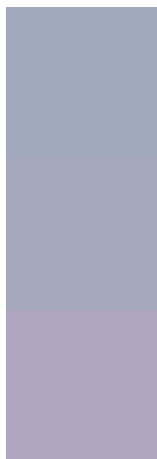
This preview shows how white text looks on a background with the XYZ color 38.2899, 39.7146,

54.9378.

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

38.2899, 39.7146, 54.9378

Protanopia

39.0228, 39.8300, 54.3464

Deuteranopia

40.6488, 39.8300, 55.4147



Tritanopia

37.5237, 39.6837, 51.0294

Trichromacy



Original Color

38.2899, 39.7146, 54.9378

Protanomaly

38.6067, 39.6155, 54.3270

Deuteranomaly

39.7282, 39.6243, 55.4235

Tritanomaly

37.8416, 39.8109, 52.7035

Monochromacy



Original Color

38.2899, 39.7146, 54.9378

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8497, 39.6572, 47.2547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2899, 39.7146, 54.9378 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(161, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 169, 191)  
}
```

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(161, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.2899, 39.7146, 54.9378 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(161, 169, 191) }
```


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

```
.border{ border-color:rgb(161, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2899, 39.7146, 54.9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 191) }
```

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

```
.background{ background-color: rgb(161,  
169, 191) }
```

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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