

Converting Colors

XYZ(39.1770, 42.5689, 55.7339)

Have a look what the booklet for
XYZ(39.1770, 42.5689, 55.7339)
contains.

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Color

**XYZ(39.1412, 42.4182,
55.9937)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB1C0
RGB	157, 177, 192
RGB Percent	62%, 69%, 75%
CMY	0.3843, 0.3059, 0.2471
CMYK	0.18, 0.08, 0.00, 0.25
HSL	206°, 22%, 68%
HSV	206°, 18%, 75%
XYZ	39.1412, 42.4182, 55.9937
YIQ	172.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

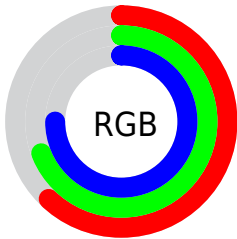
Format	Color
RYB	157, 170, 192
Decimal	10334656
CIELab	71.16, -3.69, -9.96
CIELCh	71, 10.623, 249.680
Yxy	42.4182, 0.2846, 0.3084
Android (android.graphics.Color)	4288524736 (0xFF9DB1C0)
YUV	172.7300, 9.5001, -13.7952
Hunter-Lab	65.1293, -6.7018, -5.3830

Details

The XYZ color **39.1412, 42.4182, 55.9937** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5768, 43.1457, 37.9830**, and the grayscale version is **39.5433, 41.6027, 45.3053**.

A 20% lighter version of the original color is **73.2336, 79.0522, 100.2057**, and **17.6936, 19.2826, 27.2155** is the 20% darker color. If you saturate the color by 10%, you get **34.1095, 37.4851, 55.3074**, and if you desaturate by 10%, it is **44.8621, 47.8542, 56.7421**.

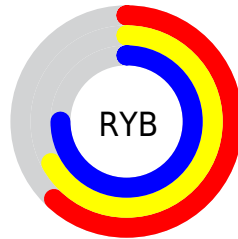
Distribution



Red (62%)

Green (69%)

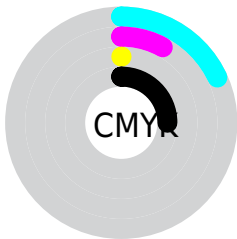
Blue (75%)



Red (62%)

Yellow (67%)

Blue (75%)

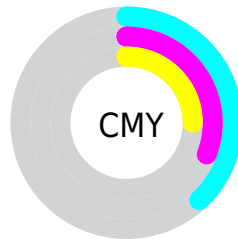


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1412, 42.4182, 55.9937 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 39.1412, 42.4182, 55.9937 by changing the saturation by 10% instead.

■ 39.1412, 42.4182,
55.9937

■ 39.1412, 42.4182,
55.9937

333.6873,
356.2136, 427.0554

■ 27.0508, 29.4289,
39.7939

■ 73.1467, 78.8322,
100.4811

■ 17.7482, 19.4055,
27.0653

■ 95.7924, 103.0256,
129.6057

■ 10.8679, 11.9637,
17.3894

122.6874,
131.7226, 163.8758

■ 6.0447, 6.7189,
10.3476

154.1969,
165.3074, 203.7097

■ 2.9132, 3.2870,
5.5215

190.6863,
204.1645, 249.5261

■ 1.1080, 1.2833,
2.4923

232.5209,

■ 0.0318, 0.1282,

248.6783, 301.7435

0.8361

280.0661,
299.2332, 360.7804

■ 0.0000, 0.0000,
0.0000

■ 39.1412, 42.4182,
55.9937

■ 39.1412, 42.4182,
55.9937

■ 34.1095, 37.4851,
55.3074

■ 44.8621, 47.8542,
56.7421

■ 29.7340, 33.0322,
54.6785

■ 51.2957, 53.8045,
57.5515

■ 25.9847, 29.0423,
54.1060

■ 58.4691, 60.2865,
58.4246

■ 22.8275, 25.4954,
53.5878

■ 66.4065, 67.3150,
59.3629

■ 20.2246, 22.3690,
53.1215

■ 75.1312, 74.9045,
60.3680

■ 18.1336, 19.6386,
52.7047

■ 78.0509, 79.6586,
61.1317

■ 16.5049, 17.2755,
52.3344

■ 80.3470, 84.2507,
61.8971

■ 15.2619, 15.2373,
52.0065

■ 82.7519, 89.0605,
62.6987

■ 15.0612, 14.8992,
51.9518

■ 85.2671, 94.0909,
63.5371

Harmonies

Analogous

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



37.7420, 42.4182, 52.7266



39.1412, 42.4182, 55.9937



40.8950, 42.4182, 56.5299

Triad

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



39.1412, 42.4182, 55.9937



43.7834, 42.4182, 44.5588



38.1727, 42.4182, 39.0507

Complementary

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



39.1412, 42.4182, 55.9937



42.5768, 43.1457, 37.9830

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.



39.7449, 42.4182, 37.1881



39.1412, 42.4182, 55.9937



43.0071, 42.4182, 40.2103

Square

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



39.1412, 42.4182, 55.9937



43.6102, 42.4182, 49.6717



41.5166, 42.4182, 37.5965



37.1943, 42.4182, 42.8677

Rectangle

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



39.1412, 42.4182, 55.9937



42.0345, 42.4182, 55.2292



41.5166, 42.4182, 37.5965



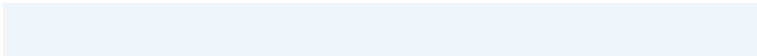
38.6474, 42.4182, 38.1885

Sweetspot

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



39.1425, 42.4199, 55.9947



84.8153, 90.0006, 103.2619



40.1615, 47.8307, 45.9365



18.0230, 19.1475, 22.1312



92.9021, 97.7402, 106.4391



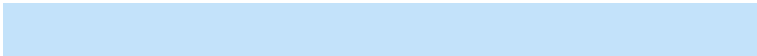
19.4759, 20.4902, 22.3138

Same Dimension

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



39.1425, 42.4199, 55.9947



67.0146, 73.0664, 100.9315



35.9762, 36.0875, 54.9392



9.9954, 10.6821, 12.8199



10.2130, 10.1825, 34.9838



0.5086, 0.5745, 1.5340

Inverse Universe

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



41.7320, 38.4957, 46.8279



72.6606, 64.8106, 80.8778



46.0403, 50.0726, 39.1375



10.3090, 10.1722, 11.7175



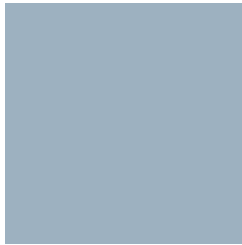
16.5510, 8.3102, 10.8137



0.7491, 0.3726, 0.6461

Previews

White Background



This preview shows how the XYZ color 39.1412, 42.4182, 55.9937 looks on a white background.

Color Contrast Check

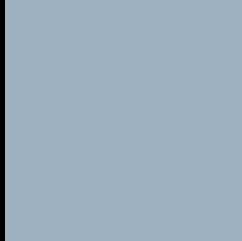
Large Text (above 18pt) WCAG AA × Fail

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 39.1412, 42.4182, 55.9937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

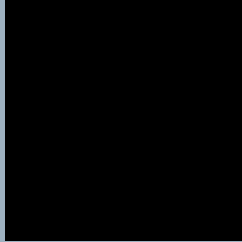
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

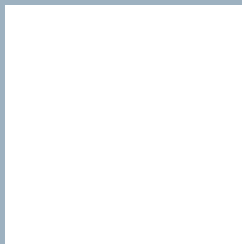
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1412, 42.4182, 55.9937

Background



This preview shows how black text looks on a background with the XYZ color 39.1412, 42.4182, 55.9937.



This preview shows how white text looks on a background with the XYZ color 39.1412, 42.4182,

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

39.1412, 42.4182, 55.9937

Protanopia

41.1421, 42.3319, 54.1466

Deuteranopia

43.2170, 42.2161, 56.9097



Tritanopia

39.0307, 42.3740, 55.4121

Trichromacy



Original Color

39.1412, 42.4182, 55.9937

Protanomaly

40.3667, 42.2053, 54.7341

Deuteranomaly

41.6117, 42.2395, 56.4119

Tritanomaly

39.0307, 42.3740, 55.4121

Monochromacy



Original Color

39.1412, 42.4182, 55.9937

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3106, 41.7829, 49.1730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1412, 42.4182, 55.9937 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(157, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(157, 177, 192)  
}
```

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(157, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 177, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.1412, 42.4182, 55.9937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

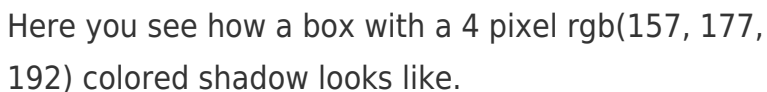
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 177, 192) }
```


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

```
.border{ border-color:rgb(157, 177, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 177, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 177, 192); box-shadow:4px 4px 4px 4px rgb(157, 177, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1412, 42.4182, 55.9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 177, 192) }
```

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

```
.background{ background-color: rgb(157,  
177, 192) }
```

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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