

Converting Colors

XYZ(34.8569, 39.2302, 52.2031)

Have a look what the booklet for
XYZ(34.8569, 39.2302, 52.2031)
contains.

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Color

**XYZ(34.7910, 39.0950,
52.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	8DADBA
RGB	141, 173, 186
RGB Percent	55%, 68%, 73%
CMY	0.4470, 0.3216, 0.2706
CMYK	0.24, 0.07, 0.00, 0.27
HSL	197°, 25%, 64%
HSV	197°, 24%, 73%
XYZ	34.7910, 39.0950, 52.1668
YIQ	164.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

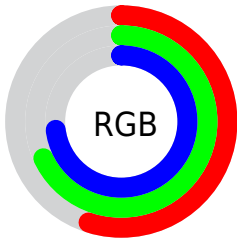
Format	Color
RYB	141, 160, 186
Decimal	9285050
CIELab	68.82, -7.94, -10.26
CIELCh	69, 12.968, 232.268
Yxy	39.0950, 0.2760, 0.3101
Android (android.graphics.Color)	4287475130 (0xFF8DADBA)
YUV	164.9140, 10.3954, -20.9726
Hunter-Lab	62.5260, -10.0987, -5.6987

Details

The XYZ color **34.7910, 39.0950, 52.1668** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.6135, 35.4736, 30.1176**, and the grayscale version is **35.6836, 37.5419, 40.8832**.

A 20% lighter version of the original color is **66.2761, 73.4997, 94.6981**, and **15.2875, 17.5419, 24.7705** is the 20% darker color. If you saturate the color by 10%, you get **30.8807, 35.5813, 51.6953**, and if you desaturate by 10%, it is **39.2762, 42.9685, 52.6787**.

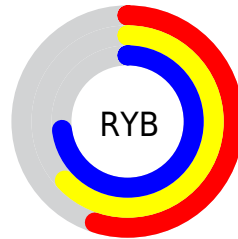
Distribution



Red (55%)

Green (68%)

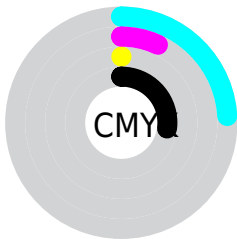
Blue (73%)



Red (55%)

Yellow (63%)

Blue (73%)

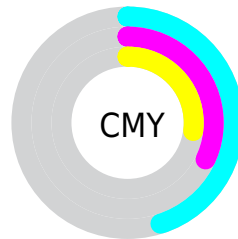


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7910, 39.0950, 52.1668 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 34.7910, 39.0950, 52.1668 by changing the saturation by 10% instead.

■ 34.7910, 39.0950,
52.1668

■ 34.7910, 39.0950,
52.1668

315.1691,
342.2942, 412.0555

■ 23.6677, 26.8336,
36.7549

■ 66.4980, 73.7834,
94.8063

■ 15.2107, 17.4483,
24.7235

■ 87.8124, 96.9793,
122.8709

■ 9.0547, 10.5546,
15.6540

■ 113.2546,
124.5887, 155.9902

■ 4.8343, 5.7682,
9.1280

143.1899,
156.9962, 194.5827

■ 2.1841, 2.7047,
4.7268

177.9836,
194.5861, 239.0669

■ 0.7343, 0.9796,
2.0319

218.0011,

■ 0.0000, 0.0000,

237.7428, 289.8615

0.5748

263.6078,
286.8507, 347.3848

■ 0.0000, 0.0000,
0.0000

■ 34.7910, 39.0950,
52.1668

■ 34.7910, 39.0950,
52.1668

■ 30.8807, 35.5813,
51.6953

■ 39.2762, 42.9685,
52.6787

■ 27.5149, 32.4082,
51.2603

■ 44.3580, 47.2108,
53.2297

■ 24.6654, 29.5612,
50.8609

■ 50.0610, 51.8363,
53.8219

■ 22.2999, 27.0232,
50.4957

■ 56.4077, 56.8571,
54.4565

■ 20.3826, 24.7747,
50.1628

■ 63.4190, 62.2848,
55.1347

■ 18.8718, 22.7937,
49.8600

■ 71.1152, 68.1305,
55.8574

■ 17.7177, 21.0535,
49.5849

■ 73.3009, 71.2010,
56.3348

■ 17.1517, 20.1225,
49.4351

■ 74.6549, 73.9088,
56.7861

■ 76.0538, 76.7067,
57.2524

Harmonies

Analogous

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



33.6182, 39.0950, 47.0049



34.7910, 39.0950, 52.1668



36.6292, 39.0950, 54.8040

Triad

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



34.7910, 39.0950, 52.1668



41.2161, 39.0950, 44.1096



35.6803, 39.0950, 32.9246

Complementary

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



34.7910, 39.0950, 52.1668



36.6135, 35.4736, 30.1176

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.



37.6931, 39.0950, 32.3036



34.7910, 39.0950, 52.1668



40.9393, 39.0950, 38.4191

Square

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



34.7910, 39.0950, 52.1668



40.3744, 39.0950, 49.8807



39.6313, 39.0950, 34.2251



34.1183, 39.0950, 36.0070

Rectangle

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



34.7910, 39.0950, 52.1668



38.0052, 39.0950, 54.6200



39.6313, 39.0950, 34.2251



36.3247, 39.0950, 32.4333

Sweetspot

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



34.7922, 39.0966, 52.1677



77.5934, 83.2528, 96.1812



34.3561, 43.1061, 36.9732



16.9625, 18.2300, 21.1673



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.7922, 39.0966, 52.1677



59.1874, 67.4163, 94.0945



30.8747, 31.2616, 50.8619



9.0416, 9.7605, 11.4868



11.6057, 13.6712, 33.2802



0.4594, 0.5826, 1.1900

Inverse Universe

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



37.3184, 32.5069, 43.8445



64.6350, 53.6973, 76.0355



40.6326, 43.5118, 31.4573



9.2673, 9.1173, 10.7553



16.4717, 8.1624, 15.6368



0.6061, 0.2979, 0.6849

Previews

White Background



This preview shows how the XYZ color 34.7910, 39.0950, 52.1668 looks on a white background.

Color Contrast Check

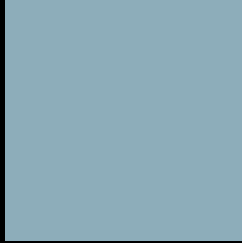
Large Text (above 18pt) WCAG AA × Fail

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 34.7910, 39.0950, 52.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

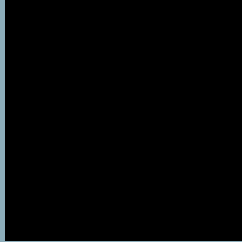
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7910, 39.0950, 52.1668

Background



This preview shows how black text looks on a background with the XYZ color 34.7910, 39.0950, 52.1668.



This preview shows how white text looks on a background with the XYZ color 34.7910, 39.0950,

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

34.7910, 39.0950, 52.1668

Protanopia

37.8056, 38.7568, 49.7442

Deuteranopia

39.6299, 38.8239, 52.9820



Tritanopia

34.8977, 39.1377, 52.7287

Trichromacy



Original Color

34.7910, 39.0950, 52.1668

Protanomaly

36.6398, 38.9629, 50.3892

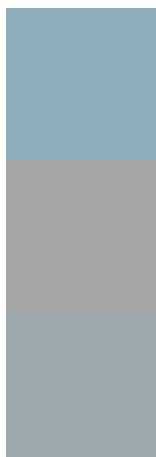
Deuteranomaly

37.6886, 38.9067, 52.5370

Tritanomaly

34.8977, 39.1377, 52.7287

Monochromacy



Original Color

34.7910, 39.0950, 52.1668

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2558, 38.0903, 45.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7910, 39.0950, 52.1668 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(141, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 173, 186)  
}
```

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(141, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.7910, 39.0950, 52.1668 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(141, 173, 186) }
```


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

```
.border{ border-color:rgb(141, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(141, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7910, 39.0950, 52.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 173, 186) }
```

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

```
.background{ background-color: rgb(141,  
173, 186) }
```

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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