

Converting Colors

XYZ(38.8910, 41.9594, 52.5072)

Have a look what the booklet for
XYZ(38.8910, 41.9594, 52.5072)
contains.

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Color

**XYZ(38.8855, 42.0694,
52.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B0BA
RGB	160, 176, 186
RGB Percent	63%, 69%, 73%
CMY	0.3725, 0.3098, 0.2706
CMYK	0.14, 0.05, 0.00, 0.27
HSL	203°, 16%, 68%
HSV	203°, 14%, 73%
XYZ	38.8855, 42.0694, 52.5251
YIQ	172.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

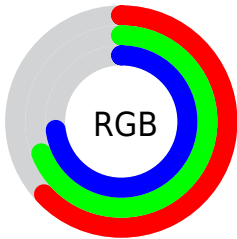
Format	Color
R_{YB}	160, 170, 186
Decimal	10531002
CIE _{Lab}	70.92, -3.47, -7.00
CIE _{LCh}	71, 7.808, 243.629
Yxy	42.0694, 0.2913, 0.3152
Android (android.graphics.Color)	4288721082 (0xFFA0B0BA)
YUV	172.3560, 6.7265, -10.8362
Hunter-Lab	64.8609, -6.4921, -2.6111

Details

The XYZ color **38.8855, 42.0694, 52.5251** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9700, 41.7267, 39.1533**, and the grayscale version is **39.3656, 41.4157, 45.1017**.

A 20% lighter version of the original color is **72.9080, 78.5711, 95.3275**, and **17.6256, 19.2969, 24.9860** is the 20% darker color. If you saturate the color by 10%, you get **34.0764, 37.5639, 51.9096**, and if you desaturate by 10%, it is **44.3273, 47.0130, 53.1932**.

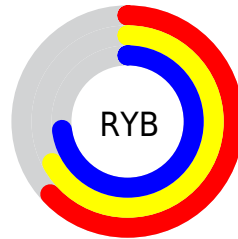
Distribution



Red (63%)

Green (69%)

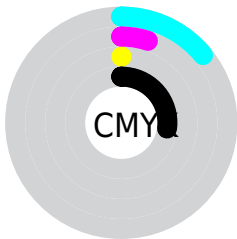
Blue (73%)



Red (63%)

Yellow (67%)

Blue (73%)

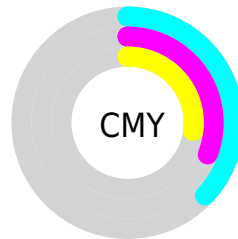


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8855, 42.0694, 52.5251 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 38.8855, 42.0694, 52.5251 by changing the saturation by 10% instead.

■ 38.8855, 42.0694,
52.5251

■ 38.8855, 42.0694,
52.5251

332.6190,
354.7705, 413.4749

■ 26.8510, 29.1556,
37.0387

■ 72.7586, 78.3046,
95.3396

■ 17.5974, 19.1986,
24.9414

■ 95.3278, 102.3949,
123.5048

■ 10.7592, 11.8139,
15.8148

122.1394,
130.9795, 156.7334

■ 5.9713, 6.6171,
9.2403

153.5586,
164.4427, 195.4438

■ 2.8681, 3.2238,
4.7993

189.9508,
203.1691, 240.0546

■ 1.0844, 1.2497,
2.0733

231.6814,

■ 0.0120, 0.1017,

247.5429, 290.9844

0.5998

279.1156,
297.9486, 348.6516

■ 0.0000, 0.0000,
0.0000

■ 38.8855, 42.0694,
52.5251

■ 38.8855, 42.0694,
52.5251

■ 34.0764, 37.5639,
51.9096

■ 44.3273, 47.0130,
53.1932

■ 29.8705, 33.4763,
51.3423

■ 50.4223, 52.4035,
53.9124

■ 26.2415, 29.7925,
50.8225

■ 57.1946, 58.2561,
54.6851

■ 23.1594, 26.4951,
50.3485

■ 64.6659, 64.5836,
55.5127

■ 20.5914, 23.5656,
49.9184

■ 72.8569, 71.3981,
56.3963

■ 18.5008, 20.9831,
49.5301

■ 75.4131, 75.4253,
57.0389

■ 16.8456, 18.7240,
49.1813

■ 77.3184, 79.2360,
57.6740

■ 15.5750, 16.7603,
48.8692

■ 79.3049, 83.2090,
58.3362

■ 14.9344, 15.6880,
48.6960

■ 81.3735, 87.3462,
59.0257

Harmonies

Analogous

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



37.9400, 42.0694, 49.8870



38.8855, 42.0694, 52.5251



40.1441, 42.0694, 53.3297

Triad

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



38.8855, 42.0694, 52.5251



42.5329, 42.0694, 45.3548



38.6171, 42.0694, 40.0998

Complementary

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



38.8855, 42.0694, 52.5251



40.9700, 41.7267, 39.1533

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.



39.8277, 42.0694, 39.0262



38.8855, 42.0694, 52.5251



42.1036, 42.0694, 41.9547

Square

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



38.8855, 42.0694, 52.5251



42.2676, 42.0694, 49.0608



41.1065, 42.0694, 39.6866



37.7875, 42.0694, 42.6992

Rectangle

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



38.8855, 42.0694, 52.5251



40.9961, 42.0694, 52.6839



41.1065, 42.0694, 39.6866



38.9921, 42.0694, 39.5551

Sweetspot

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



38.8867, 42.0711, 52.5260



80.2527, 85.1301, 96.4034



39.3095, 45.4932, 44.7238



17.4995, 18.5915, 21.2088



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.



38.8867, 42.0711, 52.5260



67.4792, 73.4709, 94.8262



36.4641, 37.2259, 51.7185



8.9688, 9.6148, 11.4626



10.1216, 10.7028, 32.7855



0.4148, 0.4932, 1.1751

Inverse Universe

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



40.6580, 38.7163, 46.4063



71.3906, 66.2400, 81.2727



43.5222, 46.8312, 40.0041



9.2306, 9.1026, 10.5617



15.7226, 7.8628, 11.6918



0.5835, 0.2889, 0.5662

Previews

White Background



This preview shows how the XYZ color 38.8855, 42.0694, 52.5251 looks on a white background.

Color Contrast Check

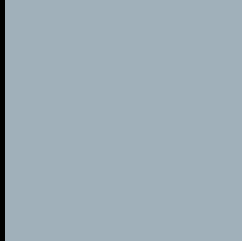
Large Text (above 18pt) WCAG AA × Fail

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 38.8855, 42.0694, 52.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

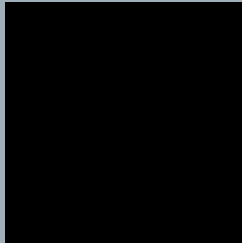
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

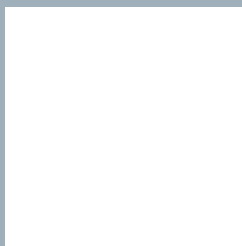
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8855, 42.0694, 52.5251

Background



This preview shows how black text looks on a background with the XYZ color 38.8855, 42.0694, 52.5251.

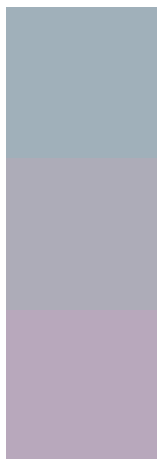


This preview shows how white text looks on a background with the XYZ color 38.8855, 42.0694,

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

38.8855, 42.0694, 52.5251

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.8469, 41.8265, 53.3920



Tritanopia

39.2132, 41.9111, 54.1670

Trichromacy



Original Color

38.8855, 42.0694, 52.5251

Protanomaly

39.8490, 41.7148, 51.8504

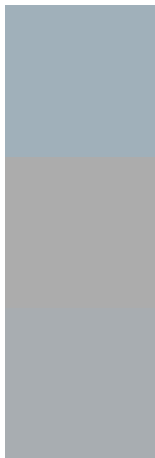
Deuteranomaly

41.2117, 41.8276, 52.9152

Tritanomaly

39.1050, 41.8679, 53.5972

Monochromacy



Original Color

38.8855, 42.0694, 52.5251

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0278, 41.3863, 47.5263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8855, 42.0694, 52.5251 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(160, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 176, 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(160, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 176, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.8855, 42.0694, 52.5251 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(160, 176, 186) }
```


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

```
.border{ border-color:rgb(160, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 176,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8855, 42.0694, 52.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 176, 186) }
```

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

```
.background{ background-color: rgb(160,  
176, 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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