

Converting Colors

XYZ(42.0898, 42.7035, 62.4316)

Have a look what the booklet for
XYZ(42.0898, 42.7035, 62.4316)
contains.

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Color

**XYZ(42.0852, 42.6340,
62.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ADCB
RGB	169, 173, 203
RGB Percent	66%, 68%, 80%
CMY	0.3372, 0.3216, 0.2039
CMYK	0.17, 0.15, 0.00, 0.20
HSL	233°, 25%, 73%
HSV	233°, 17%, 80%
XYZ	42.0852, 42.6340, 62.5110
YIQ	175.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

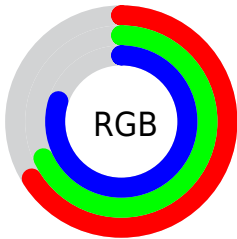
Format	Color
RYB	169, 173, 203
Decimal	11120075
CIELab	71.31, 4.78, -15.70
CIElCh	71, 16.408, 286.926
Yxy	42.6340, 0.2858, 0.2896
Android (android.graphics.Color)	4289310155 (0xFFA9ADCB)
YUV	175.2240, 13.6936, -5.4584
Hunter-Lab	65.2947, 0.7850, -11.0560

Details

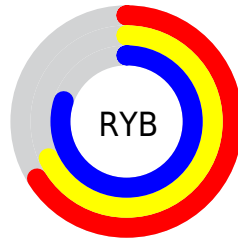
The XYZ color **42.0852, 42.6340, 62.5110** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2136, 56.4075, 45.6727**, and the grayscale version is **40.8003, 42.9251, 46.7455**.

A 20% lighter version of the original color is **76.5339, 78.5541, 105.7364**, and **19.5983, 19.6266, 31.1891** is the 20% darker color. If you saturate the color by 10%, you get **34.8566, 34.1473, 61.2546**, and if you desaturate by 10%, it is **50.4530, 52.3936, 63.9544**.

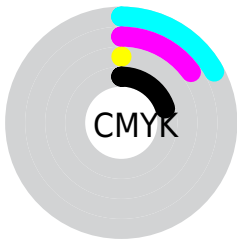
Distribution



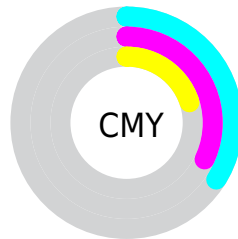
- Red (66%)
- Green (68%)
- Blue (80%)



- Red (66%)
- Yellow (68%)
- Blue (80%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (34%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0852, 42.6340, 62.5110 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 42.0852, 42.6340, 62.5110 by changing the saturation by 10% instead.

■ 42.0852, 42.6340,
62.5110

■ 42.0852, 42.6340,
62.5110

345.8216,
357.1044, 451.8516

■ 29.3594, 29.5981,
45.0073

■ 77.5929, 79.1583,
110.0425

■ 19.4985, 19.5337,
31.1202

101.1055,
103.4154, 140.9073

■ 12.1372, 12.0565,
20.4311

128.9445,
132.1816, 177.0629

■ 6.9100, 6.7822,
12.5216

161.4751,
165.8415, 218.9279

■ 3.4517, 3.3263,
6.9732

199.0628,
204.7793, 266.9207

■ 1.3969, 1.3043,
3.3671

242.0729,

■ 0.2540, 0.1446,

249.3794, 321.4599

1.2850

290.8707,
300.0264, 382.9640

■ 0.0000, 0.0000,
0.0495

■ 0.0000, 0.0000,
0.0000

■ 42.0852, 42.6340,
62.5110

■ 42.0852, 42.6340,
62.5110

■ 34.8566, 34.1473,
61.2546

■ 50.4530, 52.3936,
63.9544

■ 28.7140, 26.8758,
60.1748

■ 60.0022, 63.4701,
65.5891

■ 23.6057, 20.7651,
59.2645

■ 70.7779, 75.9120,
67.4227

■ 19.4743, 15.7549,
58.5152

■ 82.8216, 89.7636,
69.4616

■ 16.2569, 11.7789,
57.9174

■ 87.7796, 97.0919,
70.6148

■ 13.8828, 8.7641,
57.4606

■ 12.2710, 6.6274,
57.1331

■ 11.3195, 5.2690,
56.9210

■ 11.1042, 4.9609,
56.8729

Harmonies

Analogous

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



39.3351, 42.6340, 62.8336



42.0852, 42.6340, 62.5110



44.5189, 42.6340, 57.5794

Triad

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



42.0852, 42.6340, 62.5110



44.2511, 42.6340, 36.1919



35.5754, 42.6340, 43.0713

Complementary

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



42.0852, 42.6340, 62.5110



52.2136, 56.4075, 45.6727

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.



36.7725, 42.6340, 36.8065



42.0852, 42.6340, 62.5110



41.7332, 42.6340, 33.1488

Square

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



42.0852, 42.6340, 62.5110



45.8077, 42.6340, 42.1404



38.9987, 42.6340, 33.3603



35.6600, 42.6340, 50.9825

Rectangle

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



42.0852, 42.6340, 62.5110



45.5971, 42.6340, 52.6284



38.9987, 42.6340, 33.3603



35.8388, 42.6340, 40.7223

Sweetspot

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



42.0865, 42.6358, 62.5120



87.0296, 90.6931, 107.5263



47.9658, 55.2464, 61.8450



18.3955, 19.1419, 22.9752



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.0865, 42.6358, 62.5120



65.9994, 66.1525, 103.8979



44.1339, 42.5688, 62.3911



10.7064, 11.0532, 14.1396



7.1017, 3.2273, 36.2049



0.4028, 0.2393, 1.8799

Inverse Universe

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



46.3604, 44.0905, 45.6041



74.4662, 69.0991, 70.3880



49.8868, 56.5932, 45.8311



11.2652, 11.2348, 11.9309



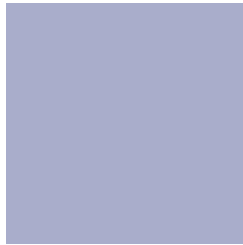
15.7955, 8.1288, 1.3758



0.8332, 0.4267, 0.1678

Previews

White Background



This preview shows how the XYZ color 42.0852, 42.6340, 62.5110 looks on a white background.

Color Contrast Check

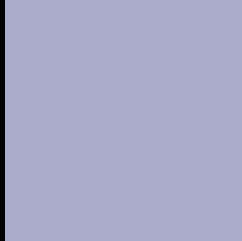
Large Text (above 18pt) WCAG AA × Fail

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 42.0852, 42.6340, 62.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

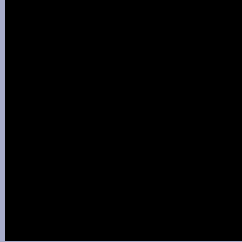
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0852, 42.6340, 62.5110

Background



This preview shows how black text looks on a background with the XYZ color 42.0852, 42.6340, 62.5110.



This preview shows how white text looks on a background with the XYZ color 42.0852, 42.6340,

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

42.0852, 42.6340, 62.5110

Protanopia

42.0852, 42.6340, 62.5110

Deuteranopia

43.4053, 42.4562, 63.0339



Tritanopia

40.4516, 42.5496, 54.2250

Trichromacy



Original Color

42.0852, 42.6340, 62.5110

Protanomaly

42.0852, 42.6340, 62.5110

Deuteranomaly

42.9176, 42.4841, 63.0650

Tritanomaly

41.0221, 42.4920, 57.0786

Monochromacy



Original Color

42.0852, 42.6340, 62.5110

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1266, 42.6591, 51.9654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0852, 42.6340, 62.5110 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(169, 173, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 203)  
}
```

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(169, 173, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 203) }
```

Border

The CSS property to change the border of an element to XYZ 42.0852, 42.6340, 62.5110 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(169, 173, 203) }
```


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

```
.border{ border-color:rgb(169, 173, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0852, 42.6340, 62.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 203) }
```

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

```
.background{ background-color: rgb(169,  
173, 203) }
```

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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