

Converting Colors

XYZ(40.9604, 40.3842, 62.1360)

Have a look what the booklet for
XYZ(40.9604, 40.3842, 62.1360)
contains.

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Color

**XYZ(40.9604, 40.3842,
62.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A7CB
RGB	169, 167, 203
RGB Percent	66%, 65%, 80%
CMY	0.3372, 0.3451, 0.2039
CMYK	0.17, 0.18, 0.00, 0.20
HSL	243°, 26%, 73%
HSV	243°, 18%, 80%
XYZ	40.9604, 40.3842, 62.1360
YIQ	171.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

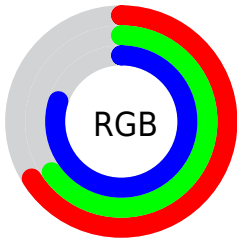
Format	Color
R_{YB}	169, 167, 203
Decimal	11118539
CIE Lab	69.74, 8.09, -18.06
CIE LCh	70, 19.789, 294.132
Yxy	40.3842, 0.2855, 0.2815
Android (android.graphics.Color)	4289308619 (0xFFA9A7CB)
YUV	171.7020, 15.4299, -2.3697
Hunter-Lab	63.5486, 3.8427, -13.4881

Details

The XYZ color **40.9604, 40.3842, 62.1360** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.4196, 57.9204, 44.9779**, and the grayscale version is **38.9914, 41.0220, 44.6730**.

A 20% lighter version of the original color is **75.2226, 75.4701, 105.2103**, and **18.8917, 18.2133, 30.9536** is the 20% darker color. If you saturate the color by 10%, you get **33.7135, 31.5550, 60.8144**, and if you desaturate by 10%, it is **49.3967, 50.6951, 63.6822**.

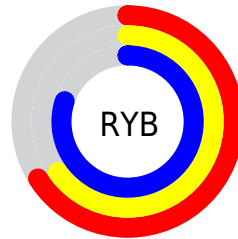
Distribution



Red (66%)

Green (65%)

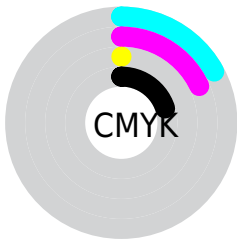
Blue (80%)



Red (66%)

Yellow (65%)

Blue (80%)

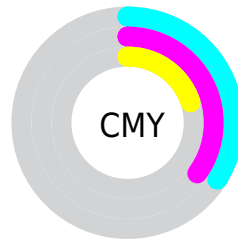


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9604, 40.3842, 62.1360 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 40.9604, 40.3842, 62.1360 by changing the saturation by 10% instead.

■ 40.9604, 40.3842,
62.1360

■ 40.9604, 40.3842,
62.1360

341.2205,
347.7403, 450.4483

■ 28.4757, 27.8382,
44.7061

■ 75.8989, 75.7482,
109.4956

■ 18.8268, 18.2037,
30.8847

■ 99.0833, 99.3350,
140.2623

■ 11.6485, 11.0964,
20.2534

126.5651,
127.3709, 176.3118

■ 6.5753, 6.1317,
12.3934

158.7094,
160.2403, 218.0624

■ 3.2419, 2.9253,
6.8864

195.8818,
198.3275, 265.9329

■ 1.2829, 1.0929,
3.3138

238.4475,

■ 0.1704, 0.0000,

242.0170, 320.3417

1.2570

286.7720,
291.6931, 381.7073

■ 0.0000, 0.0000,
0.0262

■ 0.0000, 0.0000,
0.0000

■ 40.9604, 40.3842,
62.1360

■ 40.9604, 40.3842,
62.1360

■ 33.7135, 31.5550,
60.8144

■ 49.3967, 50.6951,
63.6822

■ 27.5991, 24.1348,
59.7044

■ 59.0686, 62.5463,
65.4600

■ 22.5608, 18.0522,
58.7959

■ 70.0244, 75.9990,
67.4792

■ 18.5364, 13.2274,
58.0767

■ 82.3087, 91.1098,
69.7484

■ 15.4570, 9.5723,
57.5335

■ 87.7796, 97.0918,
70.6147

■ 13.2452, 6.9874,
57.1512

■ 11.8112, 5.3566,
56.9120

■ 11.0368, 4.5186,
56.7910

■ 10.9212, 4.3849,
56.7713

Harmonies

Analogous

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



37.7570, 40.3842, 63.9807



40.9604, 40.3842, 62.1360



43.6006, 40.3842, 55.1510

Triad

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



40.9604, 40.3842, 62.1360



42.1113, 40.3842, 31.1577



32.5713, 40.3842, 42.1906

Complementary

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



40.9604, 40.3842, 62.1360



52.4196, 57.9204, 44.9779

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.



33.6010, 40.3842, 34.4152



40.9604, 40.3842, 62.1360



39.0179, 40.3842, 28.6407

Square

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



40.9604, 40.3842, 62.1360



44.2905, 40.3842, 37.1399



35.9179, 40.3842, 29.7446



33.0274, 40.3842, 51.5934

Rectangle

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



40.9604, 40.3842, 62.1360



44.6256, 40.3842, 48.9788



35.9179, 40.3842, 29.7446



32.7532, 40.3842, 39.3177

Sweetspot

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



40.9617, 40.3859, 62.1369



86.8242, 89.9204, 107.3880



47.6503, 54.3949, 64.4884



18.3458, 18.9550, 22.9417



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.



40.9617, 40.3859, 62.1369



64.0597, 62.1007, 103.2181



45.0442, 42.4905, 62.3280



10.6584, 10.8732, 14.1074



6.9752, 2.8034, 36.1297



0.3805, 0.1553, 1.8649

Inverse Universe

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



48.9912, 44.5526, 61.2772



79.8067, 70.2734, 101.4757



47.9082, 55.5946, 44.7668



11.6596, 11.3926, 14.0081



21.7208, 10.4989, 32.5778



1.1289, 0.5450, 1.7249

Previews

White Background



This preview shows how the XYZ color 40.9604, 40.3842, 62.1360 looks on a white background.

Color Contrast Check

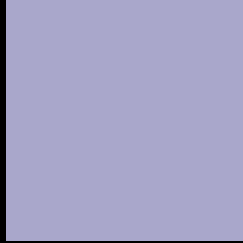
Large Text (above 18pt) WCAG AA × Fail

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 40.9604, 40.3842, 62.1360 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 40.9604, 40.3842, 62.1360

Background



This preview shows how black text looks on a background with the XYZ color 40.9604, 40.3842, 62.1360.



This preview shows how white text looks on a background with the XYZ color 40.9604, 40.3842,

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

40.9604, 40.3842, 62.1360

Protanopia

40.1913, 40.5221, 62.8300

Deuteranopia

41.2103, 40.2422, 62.0954



Tritanopia

38.7523, 40.3171, 51.0869

Trichromacy



Original Color

40.9604, 40.3842, 62.1360

Protanomaly

40.4188, 40.3642, 62.7875

Deuteranomaly

40.9933, 40.1303, 62.0853

Tritanomaly

39.5283, 40.3530, 54.9958

Monochromacy



Original Color

40.9604, 40.3842, 62.1360

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.7166, 40.8263, 50.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9604, 40.3842, 62.1360 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, 167, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 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, 167, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 203) }
```

Border

The CSS property to change the border of an element to XYZ 40.9604, 40.3842, 62.1360 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, 167, 203) }
```


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

```
.border{ border-color:rgb(169, 167, 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, 167, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9604, 40.3842, 62.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 203) }
```

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

```
.background{ background-color: rgb(169,  
167, 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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