

Converting Colors

XYZ(40.9272, 40.0568, 63.9735)

Have a look what the booklet for
XYZ(40.9272, 40.0568, 63.9735)
contains.

XYZ(40.9252, 40.0535, 63.9666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.9252, 40.0535,
63.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A6CE
RGB	168, 166, 206
RGB Percent	66%, 65%, 81%
CMY	0.3412, 0.3490, 0.1922
CMYK	0.18, 0.19, 0.00, 0.19
HSL	243°, 29%, 73%
HSV	243°, 19%, 81%
XYZ	40.9252, 40.0535, 63.9666
YIQ	171.1580, -11.6480, 12.8640

Conversions

Conversions Part 2

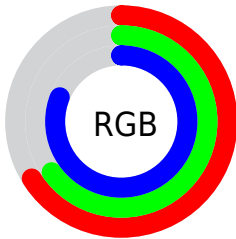
Format	Color
RYB	168, 166, 206
Decimal	11052750
CIELab	69.51, 8.99, -20.08
CIElCh	70, 22.000, 294.130
Yxy	40.0535, 0.2823, 0.2763
Android (android.graphics.Color)	4289242830 (0xFFA8A6CE)
YUV	171.1580, 17.1771, -2.7696
Hunter-Lab	63.2878, 4.6737, -15.6244

Details

The XYZ color **40.9252, 40.0535, 63.9666** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.8575, 59.7342, 44.7695**, and the grayscale version is **38.7097, 40.7256, 44.3501**.

A 20% lighter version of the original color is **74.6469, 74.7802, 105.1074**, and **18.7550, 17.9465, 32.1813** is the 20% darker color. If you saturate the color by 10%, you get **33.6187, 31.1668, 62.6370**, and if you desaturate by 10%, it is **49.4611, 50.4663, 65.5272**.

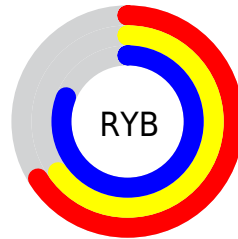
Distribution



Red (66%)

Green (65%)

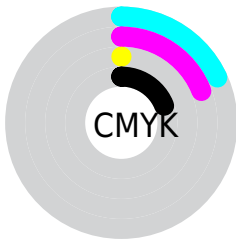
Blue (81%)



Red (66%)

Yellow (65%)

Blue (81%)

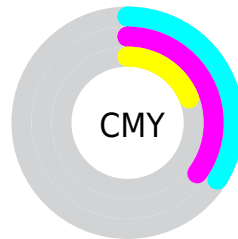


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (35%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9252, 40.0535, 63.9666 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 40.9252, 40.0535, 63.9666 by changing the saturation by 10% instead.

■ 40.9252, 40.0535,
63.9666

■ 40.9252, 40.0535,
63.9666

341.0758,
346.3490, 457.2732

■ 28.4481, 27.5803,
46.1776

■ 75.8458, 75.2450,
112.1618

■ 18.8059, 18.0095,
32.0363

■ 99.0199, 98.7320,
143.4052

■ 11.6333, 10.9568,
21.1242

126.4904,
126.6591, 179.9704

■ 6.5649, 6.0378,
13.0227

158.6226,
159.4106, 222.2760

■ 3.2354, 2.8681,
7.3133

195.7819,
197.3710, 270.7405

■ 1.2794, 1.0633,
3.5774

238.3336,

■ 0.1677, 0.0000,

240.9245, 325.7825

1.3965

286.6431,
290.4558, 387.8206

■ 0.0000, 0.0000,
0.1390

■ 0.0000, 0.0000,
0.0000

■ 40.9252, 40.0535,
63.9666

■ 40.9252, 40.0535,
63.9666

■ 33.6187, 31.1668,
62.6370

■ 49.4611, 50.4663,
65.5272

■ 27.4815, 23.7300,
61.5251

■ 59.2753, 62.4670,
67.3263

■ 22.4538, 17.6675,
60.6199

■ 70.4189, 76.1199,
69.3743

■ 18.4694, 12.8951,
59.9087

■ 82.9389, 91.4845,
71.6801

■ 15.4548, 9.3192,
59.3774

■ 88.1407, 97.2363,
72.5161

■ 13.3270, 6.8338,
59.0098

■ 11.9891, 5.3140,
58.7869

■ 11.2976, 4.5565,
58.6772

■ 11.2695, 4.5227,
58.6721

Harmonies

Analogous

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



37.3767, 40.0535, 66.0592



40.9252, 40.0535, 63.9666



43.8656, 40.0535, 56.0812

Triad

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



40.9252, 40.0535, 63.9666



42.2056, 40.0535, 29.6261



31.6828, 40.0535, 41.6450

Complementary

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



40.9252, 40.0535, 63.9666



53.8575, 59.7342, 44.7695

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.



32.8081, 40.0535, 33.1424



40.9252, 40.0535, 63.9666



38.7711, 40.0535, 26.9300

Square

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



40.9252, 40.0535, 63.9666



44.6364, 40.0535, 36.1068



35.3501, 40.0535, 28.1097



32.1808, 40.0535, 52.0900

Rectangle

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



40.9252, 40.0535, 63.9666



45.0109, 40.0535, 49.1713



35.3501, 40.0535, 28.1097



31.8815, 40.0535, 38.4873

Sweetspot

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



40.9265, 40.0551, 63.9675



85.2149, 87.9703, 107.0964



48.6193, 56.0675, 66.6527



18.0204, 18.5615, 22.8829



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.



40.9265, 40.0551, 63.9675



61.4965, 59.0384, 102.7621



45.3533, 42.3373, 64.1747



10.6527, 10.8703, 14.1071



6.9637, 2.7974, 36.1292



0.3778, 0.1539, 1.8647

Inverse Universe

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



49.9902, 44.7556, 63.1325



78.6408, 67.9307, 101.1209



48.8827, 57.1696, 44.5367



11.6624, 11.3937, 14.0228



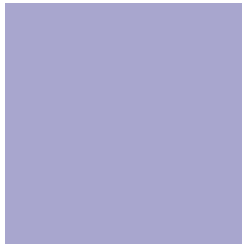
21.7995, 10.5304, 32.9927



1.1322, 0.5463, 1.7421

Previews

White Background



This preview shows how the XYZ color 40.9252, 40.0535, 63.9666 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 40.9252, 40.0535, 63.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

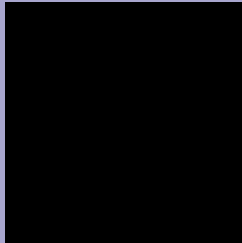
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9252, 40.0535, 63.9666

Background



This preview shows how black text looks on a background with the XYZ color 40.9252, 40.0535, 63.9666.



This preview shows how white text looks on a background with the XYZ color 40.9252, 40.0535,

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

40.9252, 40.0535, 63.9666

Protanopia

39.9631, 40.0873, 64.6628

Deuteranopia

40.9252, 40.0535, 63.9666



Tritanopia

38.2318, 40.0609, 50.5172

Trichromacy



Original Color

40.9252, 40.0535, 63.9666

Protanomaly

40.3910, 40.0349, 64.6302

Deuteranomaly

40.9252, 40.0535, 63.9666

Tritanomaly

39.1090, 40.1369, 54.9761

Monochromacy



Original Color

40.9252, 40.0535, 63.9666

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4173, 40.3827, 51.0645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9252, 40.0535, 63.9666 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(168, 166, 206)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 206)  
}
```

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(168, 166, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 206) }
```

Border

The CSS property to change the border of an element to XYZ 40.9252, 40.0535, 63.9666 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(168, 166, 206) }
```


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

```
.border{ border-color:rgb(168, 166, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 206);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9252, 40.0535, 63.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 206) }
```

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

```
.background{ background-color: rgb(168,  
166, 206) }
```

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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