

Converting Colors

XYZ(40.4109, 39.9234, 55.4461)

Have a look what the booklet for
XYZ(40.4109, 39.9234, 55.4461)
contains.

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Color

**XYZ(40.3842, 39.9624,
55.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA6C0
RGB	173, 166, 192
RGB Percent	68%, 65%, 75%
CMY	0.3216, 0.3490, 0.2471
CMYK	0.10, 0.14, 0.00, 0.25
HSL	256°, 17%, 70%
HSV	256°, 14%, 75%
XYZ	40.3842, 39.9624, 55.4542
YIQ	171.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

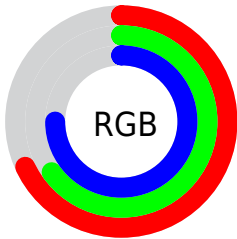
Format	Color
RYB	173, 166, 192
Decimal	11380416
CIELab	69.44, 7.60, -12.40
CIELCh	69, 14.548, 301.506
Yxy	39.9624, 0.2974, 0.2943
Android (android.graphics.Color)	4289570496 (0xFFADA6C0)
YUV	171.0570, 10.3249, 1.7040
Hunter-Lab	63.2158, 3.4036, -7.7593

Details

The XYZ color **40.3842, 39.9624, 55.4542** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7415, 50.7678, 43.4666**, and the grayscale version is **38.6895, 40.7044, 44.3271**.

A 20% lighter version of the original color is **75.1128, 75.1482, 99.3531**, and **18.5627, 17.9637, 26.9151** is the 20% darker color. If you saturate the color by 10%, you get **34.2098, 31.9801, 54.2395**, and if you desaturate by 10%, it is **47.4079, 49.1582, 56.8596**.

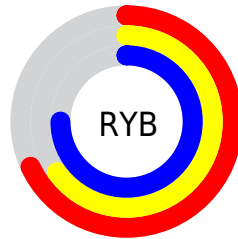
Distribution



Red (68%)

Green (65%)

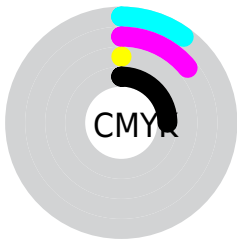
Blue (75%)



Red (68%)

Yellow (65%)

Blue (75%)

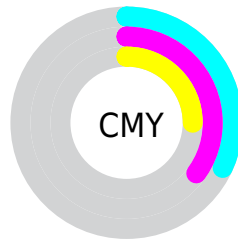


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3842, 39.9624, 55.4542 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 40.3842, 39.9624, 55.4542 by changing the saturation by 10% instead.

■ 40.3842, 39.9624,
55.4542

■ 40.3842, 39.9624,
55.4542

338.8470,
345.9651, 424.9617

■ 28.0238, 27.5092,
39.3644

■ 75.0288, 75.1063,
99.6839

■ 18.4841, 17.9560,
26.7333

■ 98.0437, 98.5657,
128.6610

■ 11.3999, 10.9184,
17.1424

125.3409,
126.4628, 162.7708

■ 6.4058, 6.0120,
10.1730

157.2855,
159.1817, 202.4321

■ 3.1363, 2.8524,
5.4067

194.2431,
197.1071, 248.0633

■ 1.2263, 1.0552,
2.4249

236.5790,

■ 0.1270, 0.0000,

240.6231, 300.0829

0.8000

284.6585,
290.1143, 358.9095

0.0000, 0.0000,
0.0000

40.3842, 39.9624,
55.4542

40.3842, 39.9624,
55.4542

34.2098, 31.9801,
54.2395

47.4079, 49.1582,
56.8596

28.8482, 25.1550,
53.2047

55.3086, 59.6105,
58.4607

24.2653, 19.4340,
52.3420

64.1169, 71.3664,
60.2656

20.4231, 14.7577,
51.6419

73.8610, 84.4692,
62.2811

17.2803, 11.0608,
51.0940

82.2924, 94.4092,
63.7553

■ 14.7914, 8.2708,
50.6866

■ 86.5145, 96.5858,
63.9529

■ 12.9047, 6.3045,
50.4065

■ 11.5598, 5.0627,
50.2377

■ 10.9144, 4.5275,
50.1684

Harmonies

Analogous

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



38.1015, 39.9624, 57.7127



40.3842, 39.9624, 55.4542



42.0779, 39.9624, 49.9564

Triad

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



40.3842, 39.9624, 55.4542



40.1711, 39.9624, 33.1377



33.6588, 39.9624, 43.8520

Complementary

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



40.3842, 39.9624, 55.4542



45.7415, 50.7678, 43.4666

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.



34.1629, 39.9624, 37.6476



40.3842, 39.9624, 55.4542



37.8649, 39.9624, 31.8561

Square

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



40.3842, 39.9624, 55.4542



41.9514, 39.9624, 37.1173



35.6790, 39.9624, 33.4210



34.2733, 39.9624, 50.6026

Rectangle

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



40.3842, 39.9624, 55.4542



42.6110, 39.9624, 45.4442



35.6790, 39.9624, 33.4210



33.7029, 39.9624, 41.6358

Sweetspot

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



40.3854, 39.9641, 55.4551



85.1939, 88.1422, 102.8832



42.6045, 46.6398, 56.6267



18.0591, 18.6229, 22.0281



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.3854, 39.9641, 55.4551



69.9865, 68.2693, 99.8489



43.3854, 41.5106, 55.5955



9.7770, 9.8762, 12.6758



7.4087, 3.0797, 33.7606



0.3883, 0.1682, 1.4619

Inverse Universe

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



44.1327, 41.9834, 51.6783



78.0147, 72.5974, 91.6687



42.7618, 49.2316, 43.3271



10.3778, 10.1997, 12.0802



17.8624, 8.8347, 17.7193



0.7993, 0.3927, 0.9103

Previews

White Background



This preview shows how the XYZ color 40.3842, 39.9624, 55.4542 looks on a white background.

Color Contrast Check

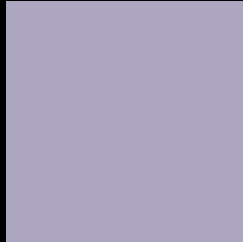
Large Text (above 18pt) WCAG AA × Fail

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 40.3842, 39.9624, 55.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

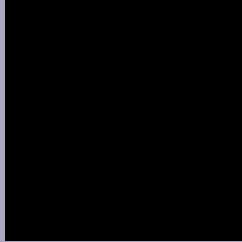
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3842, 39.9624, 55.4542

Background



This preview shows how black text looks on a background with the XYZ color 40.3842, 39.9624, 55.4542.



This preview shows how white text looks on a background with the XYZ color 40.3842, 39.9624,

55.4542.

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

40.3842, 39.9624, 55.4542

Protanopia

39.1453, 39.8549, 56.0817

Deuteranopia

40.6488, 39.8300, 55.4147



Tritanopia

39.1377, 39.9994, 49.3739

Trichromacy



Original Color

40.3842, 39.9624, 55.4542

Protanomaly

39.5928, 39.8125, 56.0499

Deuteranomaly

40.4251, 39.7147, 55.4042

Tritanomaly

39.5889, 39.9109, 51.5159

Monochromacy



Original Color

40.3842, 39.9624, 55.4542

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3379, 40.4013, 48.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3842, 39.9624, 55.4542 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(173, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 166, 192)  
}
```

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(173, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 166, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.3842, 39.9624, 55.4542 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(173, 166, 192) }
```


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

```
.border{ border-color:rgb(173, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 166,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3842, 39.9624, 55.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 166, 192) }
```

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

```
.background{ background-color: rgb(173,  
166, 192) }
```

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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