

Converting Colors

XYZ(42.1110, 40.5838, 55.4831)

Have a look what the booklet for
XYZ(42.1110, 40.5838, 55.4831)
contains.

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Color

**XYZ(42.0256, 40.5398,
55.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A5C0
RGB	181, 165, 192
RGB Percent	71%, 65%, 75%
CMY	0.2902, 0.3529, 0.2471
CMYK	0.06, 0.14, 0.00, 0.25
HSL	276°, 18%, 70%
HSV	276°, 14%, 75%
XYZ	42.0256, 40.5398, 55.4791
YIQ	172.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

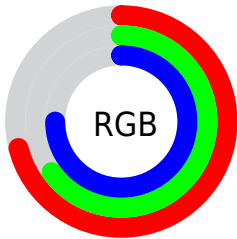
Format	Color
R_{YB}	181, 165, 192
Decimal	11904448
CIE _{Lab}	69.85, 10.86, -11.72
CIE _{LCh}	70, 15.980, 312.823
Yxy	40.5398, 0.3044, 0.2937
Android (android.graphics.Color)	4290094528 (0xFFB5A5C0)
YUV	172.8620, 9.4350, 7.1370
Hunter-Lab	63.6709, 6.3939, -7.0923

Details

The XYZ color **42.0256, 40.5398, 55.4791** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.5471, 49.6470, 42.8870**, and the grayscale version is **39.6044, 41.6669, 45.3752**.

A 20% lighter version of the original color is **77.4615, 75.9682, 99.3876**, and **19.4674, 18.2635, 26.9253** is the 20% darker color. If you saturate the color by 10%, you get **37.0363, 33.2078, 54.3275**, and if you desaturate by 10%, it is **47.6402, 48.9681, 56.8106**.

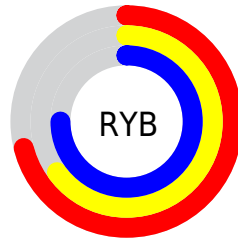
Distribution



Red (71%)

Green (65%)

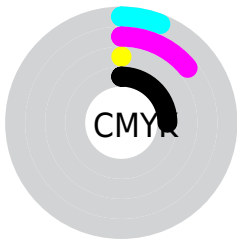
Blue (75%)



Red (71%)

Yellow (65%)

Blue (75%)

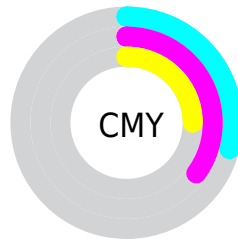


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0256, 40.5398, 55.4791 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 42.0256, 40.5398, 55.4791 by changing the saturation by 10% instead.

■ 42.0256, 40.5398,
55.4791

■ 42.0256, 40.5398,
55.4791

345.5789,
348.3935, 425.0585

■ 29.3125, 27.9597,
39.3842

■ 77.5033, 75.9848,
99.7207

■ 19.4628, 18.2953,
26.7487

■ 100.9986, 99.6185,
128.7046

■ 12.1112, 11.1622,
17.1538

128.8188,
127.7054, 162.8219

■ 6.8922, 6.1760,
10.1811

161.3290,
160.6301, 202.4911

■ 3.4405, 2.9524,
5.4120

198.8948,
198.7768, 248.1309

■ 1.3908, 1.1069,
2.4280

241.8815,

■ 0.2496, 0.0000,

242.5300, 300.1597

0.8017

290.6544,
292.2742, 358.9960

■ 0.0000, 0.0000,
0.0000

■ 42.0256, 40.5398,
55.4791

■ 42.0256, 40.5398,
55.4791

■ 37.0363, 33.2078,
54.3275

■ 47.6402, 48.9681,
56.8106

■ 32.6440, 26.9200,
53.3453

■ 53.8998, 58.5317,
58.3267

■ 28.8232, 21.6274,
52.5251

■ 60.8276, 69.2740,
60.0350

■ 25.5454, 17.2753,
51.8578

■ 68.4445, 81.2345,
61.9422

■ 22.7788, 13.8033,
51.3335

■ 74.8248, 90.5595,
63.4058

■ 20.4885, 11.1439,
50.9409

■ 77.2500, 91.8098,
63.5193

■ 18.6340, 9.2192,
50.6671

■ 79.7875, 93.1179,
63.6380

■ 17.1670, 7.9354,
50.4966

■ 82.4388, 94.4847,
63.7621

■ 16.4243, 7.3680,
50.4262

■ 85.2052, 95.9108,
63.8916

Harmonies

Analogous

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



39.6504, 40.5398, 59.5998



42.0256, 40.5398, 55.4791



43.5006, 40.5398, 48.4992

Triad

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



42.0256, 40.5398, 55.4791



40.0250, 40.5398, 31.8426



33.8665, 40.5398, 47.3905

Complementary

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



42.0256, 40.5398, 55.4791



43.5471, 49.6470, 42.8870

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.



33.9567, 40.5398, 40.0520



42.0256, 40.5398, 55.4791



37.4346, 40.5398, 31.6170

Square

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



42.0256, 40.5398, 55.4791



42.3104, 40.5398, 35.1189



35.2373, 40.5398, 34.4635



34.9852, 40.5398, 54.5893

Rectangle

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



42.0256, 40.5398, 55.4791



43.7359, 40.5398, 43.4407



35.2373, 40.5398, 34.4635



33.7580, 40.5398, 44.8487

Sweetspot

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



42.0268, 40.5415, 55.4800



86.3169, 88.7211, 102.9358



40.6074, 42.9555, 56.0207



18.3434, 18.7695, 22.0414



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.



42.0268, 40.5415, 55.4800



73.1244, 68.9787, 99.8204



44.4615, 41.8252, 54.3025



10.0876, 10.0363, 12.6904



11.1418, 5.0042, 33.9353



0.5579, 0.2557, 1.4698

Inverse Universe

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



43.0312, 41.2531, 46.7709



75.3558, 70.5548, 80.6853



41.3663, 48.4989, 43.8634



10.2395, 10.1444, 11.3517



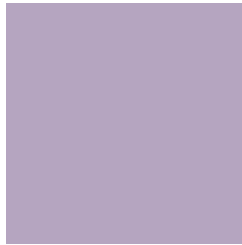
15.5949, 7.9277, 5.7787



0.7080, 0.3562, 0.4296

Previews

White Background



This preview shows how the XYZ color 42.0256, 40.5398, 55.4791 looks on a white background.

Color Contrast Check

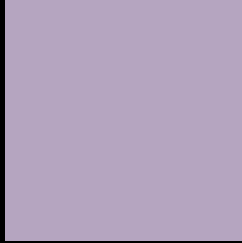
Large Text (above 18pt) WCAG AA × Fail

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 42.0256, 40.5398, 55.4791 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 42.0256, 40.5398, 55.4791

Background



This preview shows how black text looks on a background with the XYZ color 42.0256, 40.5398, 55.4791.



This preview shows how white text looks on a background with the XYZ color 42.0256, 40.5398,

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

42.0256, 40.5398, 55.4791

Protanopia

39.9746, 40.5316, 57.3462

Deuteranopia

41.2821, 40.4253, 55.4962



Tritanopia

40.6473, 40.5164, 48.8581

Trichromacy



Original Color

42.0256, 40.5398, 55.4791

Protanomaly

40.7535, 40.6710, 56.7413

Deuteranomaly

41.5107, 40.5432, 55.5069

Tritanomaly

41.1103, 40.4364, 50.9857

Monochromacy



Original Color

42.0256, 40.5398, 55.4791

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5174, 41.2748, 49.0114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0256, 40.5398, 55.4791 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(181, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 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(181, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.0256, 40.5398, 55.4791 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(181, 165, 192) }
```


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

```
.border{ border-color:rgb(181, 165, 192) }
```

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

Here you see how a box with a 4 pixel rgb(181, 165, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0256, 40.5398, 55.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 192) }
```

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

```
.background{ background-color: rgb(181,  
165, 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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