

Converting Colors

XYZ(41.3922, 38.5564, 60.7968)

Have a look what the booklet for
XYZ(41.3922, 38.5564, 60.7968)
contains.

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Color

**XYZ(41.3008, 38.4783,
60.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	B29FC9
RGB	178, 159, 201
RGB Percent	70%, 62%, 79%
CMY	0.3020, 0.3765, 0.2118
CMYK	0.11, 0.21, 0.00, 0.21
HSL	267°, 28%, 71%
HSV	267°, 21%, 79%
XYZ	41.3008, 38.4783, 60.5086
YIQ	169.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

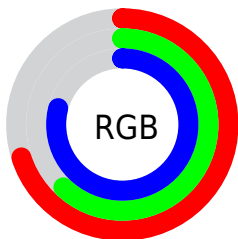
Format	Color
R_{YB}	178, 159, 201
Decimal	11706313
CIE _{Lab}	68.37, 15.04, -18.96
CIE _{LCh}	68, 24.204, 308.424
Yxy	38.4783, 0.2944, 0.2743
Android (android.graphics.Color)	4289896393 (0xFFB29FC9)
YUV	169.4690, 15.5448, 7.4817
Hunter-Lab	62.0309, 10.2931, -14.4134

Details

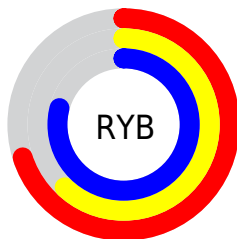
The XYZ color **41.3008, 38.4783, 60.5086** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.4375, 54.2226, 40.8212**, and the grayscale version is **37.8715, 39.8437, 43.3898**.

A 20% lighter version of the original color is **76.0283, 72.8056, 104.6535**, and **19.0865, 17.1917, 29.9161** is the 20% darker color. If you saturate the color by 10%, you get **35.6965, 30.8693, 59.3359**, and if you desaturate by 10%, it is **47.6723, 47.3191, 61.8798**.

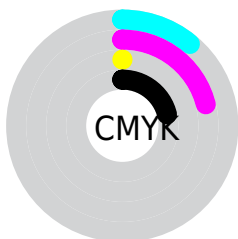
Distribution



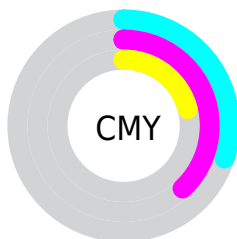
- Red (70%)
- Green (62%)
- Blue (79%)



- Red (70%)
- Yellow (62%)
- Blue (79%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (21%)





- Cyan (30%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3008, 38.4783, 60.5086 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 41.3008, 38.4783, 60.5086 by changing the saturation by 10% instead.


 41.3008, 38.4783,
60.5086


 41.3008, 38.4783,
60.5086


342.6174,
339.6673, 444.3265

 28.7429, 26.3541,
43.4007


 76.4121, 72.8407,
107.1177

 19.0297, 17.0887,
29.8659


 99.6963, 95.8476,
137.4560

 11.7959, 10.2978,
19.4857


127.2866,
123.2510, 173.0415

 6.6761, 5.5968,
11.8414

159.5483,
155.4351, 214.2928

 3.3049, 2.6015,
6.5145

196.8469,
192.7844, 261.6284

 1.3170, 0.9274,
3.0866

239.5478,

 0.1959, 0.0000,

235.6833, 315.4669

1.1390

288.0161,
284.5161, 376.2267

■ 0.0000, 0.0000,
0.0000

■ 41.3008, 38.4783,
60.5086

■ 41.3008, 38.4783,
60.5086

■ 35.6965, 30.8693,
59.3359

■ 47.6723, 47.3191,
61.8798

■ 30.8238, 24.4306,
58.3499

■ 54.8371, 57.4397,
63.4557

■ 26.6498, 19.1025,
57.5415

■ 62.8248, 68.8916,
65.2451

■ 23.1370, 14.8180,
56.8996

■ 71.6619, 81.7219,
67.2559

■ 20.2443, 11.5024,
56.4121

■ 79.9202, 93.0675,
69.0105

■ 17.9252, 9.0710,
56.0651

■ 83.6276, 94.9788,
69.1840

■ 16.1249, 7.4233,
55.8419

■ 87.5427, 96.9971,
69.3673

■ 14.8496, 6.4373,
55.7188

Harmonies

Analogous

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



37.6526, 38.4783, 66.1751



41.3008, 38.4783, 60.5086



43.7918, 38.4783, 50.0670

Triad

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



41.3008, 38.4783, 60.5086



39.3240, 38.4783, 25.3028



29.8142, 38.4783, 45.0351

Complementary

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



41.3008, 38.4783, 60.5086



46.4375, 54.2226, 40.8212

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.



30.1936, 38.4783, 34.6668



41.3008, 38.4783, 60.5086



35.5132, 38.4783, 24.4273

Square

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



41.3008, 38.4783, 60.5086



42.5967, 38.4783, 30.1973



32.2195, 38.4783, 27.5554



31.1448, 38.4783, 56.2832

Rectangle

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



41.3008, 38.4783, 60.5086



44.3682, 38.4783, 42.4743



32.2195, 38.4783, 27.5554



29.7480, 38.4783, 41.3236

Sweetspot

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



41.3020, 38.4799, 60.5095



87.3461, 89.0690, 107.1961



41.5905, 45.0863, 61.7694



18.5228, 18.8205, 22.9064



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.



41.3020, 38.4799, 60.5095



66.2771, 59.8200, 102.6610



46.4685, 41.1434, 60.7512



10.5047, 10.5185, 13.3941



9.4393, 4.1004, 35.0383



0.5301, 0.2370, 1.6630

Inverse Universe

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



44.9304, 40.5929, 49.7250



73.6752, 64.1307, 80.5638



41.8641, 51.8650, 40.6072



10.8728, 10.7325, 12.3134



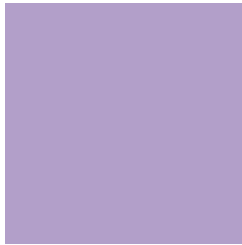
16.9643, 8.5353, 10.2875



0.8394, 0.4186, 0.6776

Previews

White Background



This preview shows how the XYZ color 41.3008, 38.4783, 60.5086 looks on a white background.

Color Contrast Check

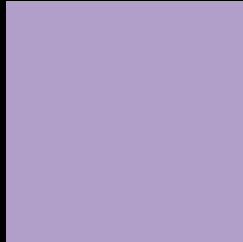
Large Text (above 18pt) WCAG AA × Fail

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 41.3008, 38.4783, 60.5086 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 41.3008, 38.4783, 60.5086

Background



This preview shows how black text looks on a background with the XYZ color 41.3008, 38.4783, 60.5086.



This preview shows how white text looks on a background with the XYZ color 41.3008, 38.4783,

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

41.3008, 38.4783, 60.5086

Protanopia

38.5751, 38.5871, 63.1725

Deuteranopia

39.2484, 38.4715, 60.0007



Tritanopia

38.3892, 38.3276, 46.4489

Trichromacy



Original Color

41.3008, 38.4783, 60.5086

Protanomaly

39.5133, 38.5534, 62.4857

Deuteranomaly

39.9232, 38.5568, 59.9816

Tritanomaly

39.3565, 38.4574, 51.2477

Monochromacy



Original Color

41.3008, 38.4783, 60.5086

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8089, 39.0171, 49.2017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3008, 38.4783, 60.5086 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(178, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 201)  
}
```

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(178, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.3008, 38.4783, 60.5086 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(178, 159, 201) }
```


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

```
.border{ border-color:rgb(178, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 159,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3008, 38.4783, 60.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 201) }
```

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

```
.background{ background-color: rgb(178,  
159, 201) }
```

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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