

Converting Colors

XYZ(44.0412, 37.9832, 63.2129)

Have a look what the booklet for
XYZ(44.0412, 37.9832, 63.2129)
contains.

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Color

**XYZ(44.1070, 38.1192,
63.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	C098CE
RGB	192, 152, 206
RGB Percent	75%, 60%, 81%
CMY	0.2471, 0.4039, 0.1922
CMYK	0.07, 0.26, 0.00, 0.19
HSL	284°, 36%, 70%
HSV	284°, 26%, 81%
XYZ	44.1070, 38.1192, 63.4256
YIQ	170.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

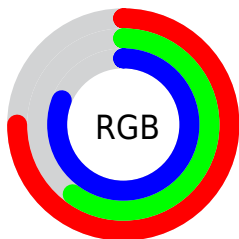
Format	Color
RYB	192, 152, 206
Decimal	12622030
CIELab	68.11, 24.57, -22.02
CIELCh	68, 32.989, 318.133
Yxy	38.1192, 0.3028, 0.2617
Android (android.graphics.Color)	4290812110 (0xFFC098CE)
YUV	170.1160, 17.6908, 19.1923
Hunter-Lab	61.7407, 19.4724, -17.6894

Details

The XYZ color **44.1070, 38.1192, 63.4256** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.4661, 54.5177, 37.9397**, and the grayscale version is **38.1796, 40.1680, 43.7429**.

A 20% lighter version of the original color is **79.4297, 71.9854, 104.3159**, and **20.8024, 16.9776, 31.8864** is the 20% darker color. If you saturate the color by 10%, you get **39.7219, 31.3197, 62.3449**, and if you desaturate by 10%, it is **49.1242, 46.1085, 64.7038**.

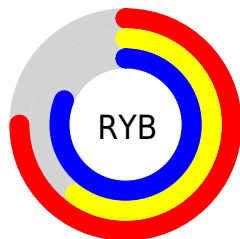
Distribution



Red (75%)

Green (60%)

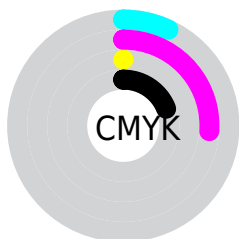
Blue (81%)



Red (75%)

Yellow (60%)

Blue (81%)

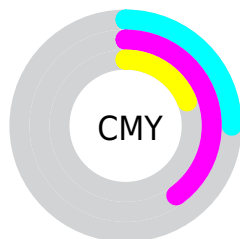


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (40%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1070, 38.1192, 63.4256 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 44.1070, 38.1192, 63.4256 by changing the saturation by 10% instead.

■ 44.1070, 38.1192,
63.4256

■ 44.1070, 38.1192,
63.4256

353.9896,
338.1310, 455.2628

■ 30.9529, 26.0752,
45.7424

■ 80.6241, 72.2908,
111.3748

■ 20.7146, 16.8799,
31.6954

■ 104.7178, 95.1872,
142.4779

■ 13.0268, 10.1489,
20.8661

133.1887,
122.4699, 178.8913

■ 7.5242, 5.4978,
12.8358

166.4023,
154.5232, 221.0336

■ 3.8412, 2.5422,
7.1862

204.7238,
191.7316, 269.3234

■ 1.6127, 0.8977,
3.4986

248.5186,

■ 0.4007, 0.0000,

234.4794, 324.1792

1.3545

298.1521,
283.1511, 386.0195

■ 0.0000, 0.0000,
0.1059

■ 0.0000, 0.0000,
0.0000

■ 44.1070, 38.1192,
63.4256

■ 44.1070, 38.1192,
63.4256

■ 39.7219, 31.3197,
62.3449

■ 49.1242, 46.1085,
64.7038

■ 35.9348, 25.6449,
61.4491

■ 54.7984, 55.3388,
66.1864

■ 32.7137, 21.0307,
60.7283

■ 61.1571, 65.8640,
67.8828

■ 30.0219, 17.4045,
60.1702

■ 68.2255, 77.7335,
69.8013

■ 27.8179, 14.6844,
59.7613

■ 76.0258, 90.9908,
71.9491

■ 26.0539, 12.7751,
59.4858

■ 77.6558, 91.8311,
72.0254

■ 24.6691, 11.5562,
59.3235

■ 79.3378, 92.6982,
72.1041

■ 24.2005, 11.1889,
59.2773

■ 81.0723, 93.5924,
72.1853

■ 82.8597, 94.5138,
72.2690

Harmonies

Analogous

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



39.3973, 38.1192, 74.6634



44.1070, 38.1192, 63.4256



46.7979, 38.1192, 47.6070

Triad

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



44.1070, 38.1192, 63.4256



38.3034, 38.1192, 19.4982



27.6212, 38.1192, 50.9599

Complementary

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



44.1070, 38.1192, 63.4256



43.4661, 54.5177, 37.9397

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.



27.3883, 38.1192, 35.9486



44.1070, 38.1192, 63.4256



33.2393, 38.1192, 19.9865

Square

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



44.1070, 38.1192, 63.4256



43.2412, 38.1192, 23.7829



29.3535, 38.1192, 25.3255



30.0229, 38.1192, 66.3748

Rectangle

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



44.1070, 38.1192, 63.4256



46.9307, 38.1192, 37.6256



29.3535, 38.1192, 25.3255



27.2956, 38.1192, 45.6430

Sweetspot

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



44.1082, 38.1208, 63.4264



86.9647, 86.6785, 106.7548



37.8001, 38.5515, 63.8420



18.3060, 18.0495, 22.7690



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.



44.1082, 38.1208, 63.4264



67.6632, 55.8290, 101.8176



46.3534, 39.4481, 55.8585



11.3926, 11.2517, 14.1417



14.9964, 6.9385, 36.5051



0.8419, 0.3932, 1.8865

Inverse Universe

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



43.5661, 38.3332, 41.1812



66.7701, 56.2969, 59.8379



41.7768, 53.5211, 43.5372



11.3297, 11.2606, 12.2709



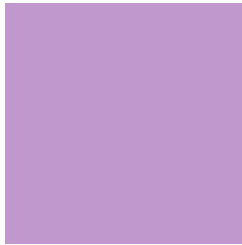
16.1091, 8.2542, 3.0272



0.8629, 0.4386, 0.3240

Previews

White Background



This preview shows how the XYZ color 44.1070, 38.1192, 63.4256 looks on a white background.

Color Contrast Check

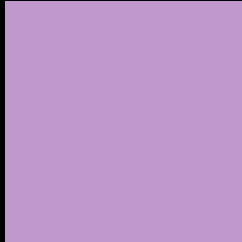
Large Text (above 18pt) WCAG AA × Fail

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 44.1070, 38.1192, 63.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

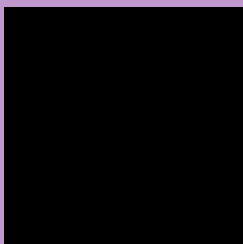
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1070, 38.1192, 63.4256

Background



This preview shows how black text looks on a background with the XYZ color 44.1070, 38.1192, 63.4256.



This preview shows how white text looks on a background with the XYZ color 44.1070, 38.1192,

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

44.1070, 38.1192, 63.4256

Protanopia

38.6781, 38.2295, 69.6305

Deuteranopia

39.1005, 38.3405, 62.4664



Tritanopia

40.2423, 38.3013, 43.8000

Trichromacy



Original Color

44.1070, 38.1192, 63.4256

Protanomaly

40.3908, 38.1106, 67.5146

Deuteranomaly

40.8731, 38.2027, 62.9772

Tritanomaly

41.5265, 38.0564, 50.5043

Monochromacy



Original Color

44.1070, 38.1192, 63.4256

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.0045, 39.0783, 50.2341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1070, 38.1192, 63.4256 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(192, 152, 206)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 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(192, 152, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 206) }
```

Border

The CSS property to change the border of an element to XYZ 44.1070, 38.1192, 63.4256 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(192, 152, 206) }
```


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

```
.border{ border-color:rgb(192, 152, 206) }
```

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

Here you see how a box with a 4 pixel rgb(192, 152, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 206);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1070, 38.1192, 63.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 206) }
```

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

```
.background{ background-color: rgb(192,  
152, 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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