

Converting Colors

XYZ(41.8838, 37.9448, 56.2495)

Have a look what the booklet for
XYZ(41.8838, 37.9448, 56.2495)
contains.

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Color

**XYZ(41.7086, 37.7768,
56.1323)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9BC2
RGB	186, 155, 194
RGB Percent	73%, 61%, 76%
CMY	0.2706, 0.3921, 0.2392
CMYK	0.04, 0.20, 0.00, 0.24
HSL	288°, 24%, 68%
HSV	288°, 20%, 76%
XYZ	41.7086, 37.7768, 56.1323
YIQ	168.7150, 5.9570, 18.7010

Conversions

Conversions Part 2

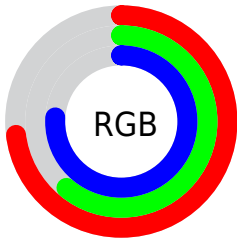
Format	Color
RYB	186, 155, 194
Decimal	12229570
CIELab	67.86, 18.51, -15.79
CIElCh	68, 24.327, 319.535
Yxy	37.7768, 0.3075, 0.2786
Android (android.graphics.Color)	4290419650 (0xFFBA9BC2)
YUV	168.7150, 12.4655, 15.1589
Hunter-Lab	61.4628, 13.5699, -11.1239

Details

The XYZ color **41.7086, 37.7768, 56.1323** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3138, 48.7376, 38.2947**, and the grayscale version is **37.5106, 39.4641, 42.9764**.

A 20% lighter version of the original color is **77.0771, 71.9355, 101.0893**, and **19.3568, 16.7806, 27.0297** is the 20% darker color. If you saturate the color by 10%, you get **37.7827, 31.3398, 55.0973**, and if you desaturate by 10%, it is **46.1824, 45.2683, 57.3431**.

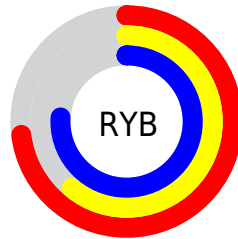
Distribution



Red (73%)

Green (61%)

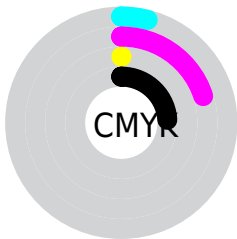
Blue (76%)



Red (73%)

Yellow (61%)

Blue (76%)

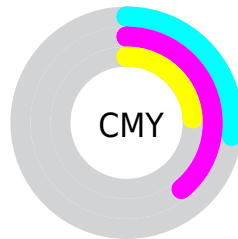


Cyan (4%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (39%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7086, 37.7768, 56.1323 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 41.7086, 37.7768, 56.1323 by changing the saturation by 10% instead.


 41.7086, 37.7768,
56.1323


 41.7086, 37.7768,
56.1323


344.2858,
336.6615, 427.5922

 29.0633, 25.8095,
39.9043


 77.0263, 71.7659,
100.6857

 19.2732, 16.6812,
27.1507


 100.4295, 94.5565,
129.8482

 11.9731, 10.0074,
17.4530


128.1493,
121.7236, 164.1593

 6.7974, 5.4039,
10.3926

160.5512,
153.6517, 204.0375

 3.3809, 2.4861,
5.5511

198.0004,
190.7252, 249.9013

 1.3583, 0.8697,
2.5097

240.8623,

 0.2262, 0.0000,

233.3284, 302.1694

0.8453

289.5023,
281.8457, 361.2601

■ 0.0000, 0.0000,
0.0000

■ 41.7086, 37.7768,
56.1323

■ 41.7086, 37.7768,
56.1323

■ 37.7827, 31.3398,
55.0973

■ 46.1824, 45.2683,
57.3431

■ 34.3764, 25.9029,
54.2274

■ 51.2240, 53.8558,
58.7349

■ 31.4637, 21.4141,
53.5145

■ 56.8564, 63.5842,
60.3158

■ 29.0153, 17.8148,
52.9488

■ 63.1003, 74.4947,
62.0927

■ 26.9984, 15.0397,
52.5195

■ 69.9753, 86.6263,
64.0719

■ 25.3756, 13.0145,
52.2141

■ 72.0417, 89.0990,
64.4403

■ 24.1028, 11.6514,
52.0181

■ 73.1881, 89.6900,
64.4940

■ 23.1030, 10.7852,
51.9036

■ 74.3629, 90.2957,
64.5490

■ 75.5663, 90.9160,
64.6053

Harmonies

Analogous

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



38.3849, 37.7768, 63.9672



41.7086, 37.7768, 56.1323



43.5172, 37.7768, 45.0203

Triad

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



41.7086, 37.7768, 56.1323



37.2387, 37.7768, 23.9070



29.4975, 37.7768, 48.4731

Complementary

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



41.7086, 37.7768, 56.1323



40.3138, 48.7376, 38.2947

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.



29.2380, 37.7768, 37.4753



41.7086, 37.7768, 56.1323



33.5357, 37.7768, 24.5037

Square

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



41.7086, 37.7768, 56.1323



40.8192, 37.7768, 27.2720



30.6677, 37.7768, 29.0756



31.4032, 37.7768, 59.0373

Rectangle

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



41.7086, 37.7768, 56.1323



43.5404, 37.7768, 37.7882



30.6677, 37.7768, 29.0756



29.2201, 37.7768, 44.6685

Sweetspot

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



41.7098, 37.7784, 56.1331



87.2033, 88.0036, 104.8601



36.4339, 37.2198, 56.3034



18.9653, 19.0486, 22.9271



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.



41.7098, 37.7784, 56.1331



72.4038, 63.2245, 100.8572



42.5127, 38.3304, 49.9313



10.2884, 10.1398, 12.6998



15.2584, 7.1264, 34.1279



0.7116, 0.3349, 1.4770

Inverse Universe

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



40.5816, 37.5580, 39.7627



70.0614, 62.7919, 65.7372



39.6982, 48.3081, 43.3341



10.1558, 10.1109, 10.9111



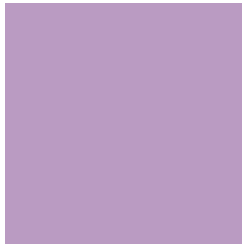
14.9014, 7.6503, 2.1268



0.6693, 0.3407, 0.2258

Previews

White Background



This preview shows how the XYZ color 41.7086, 37.7768, 56.1323 looks on a white background.

Color Contrast Check

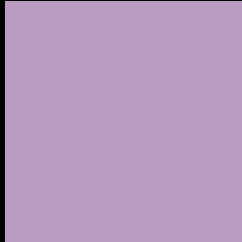
Large Text (above 18pt) WCAG AA × Fail

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 41.7086, 37.7768, 56.1323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

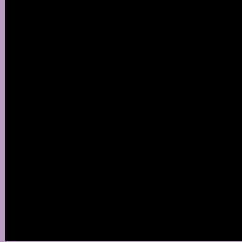
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7086, 37.7768, 56.1323

Background



This preview shows how black text looks on a background with the XYZ color 41.7086, 37.7768, 56.1323.



This preview shows how white text looks on a background with the XYZ color 41.7086, 37.7768,

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

41.7086, 37.7768, 56.1323

Protanopia

37.8013, 37.9902, 59.9841

Deuteranopia

38.5190, 37.6648, 55.6919



Tritanopia

39.2773, 37.8038, 43.7548

Trichromacy



Original Color

41.7086, 37.7768, 56.1323

Protanomaly

39.0864, 37.8918, 58.6799

Deuteranomaly

39.7030, 37.7605, 55.6480

Tritanomaly

40.1307, 37.8987, 47.8479

Monochromacy



Original Color

41.7086, 37.7768, 56.1323

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9905, 38.8792, 47.5689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7086, 37.7768, 56.1323 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(186, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 194)  
}
```

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(186, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.7086, 37.7768, 56.1323 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(186, 155, 194) }
```


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

```
.border{ border-color:rgb(186, 155, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7086, 37.7768, 56.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 194) }
```

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

```
.background{ background-color: rgb(186,  
155, 194) }
```

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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