

Converting Colors

XYZ(42.2771, 37.2805, 55.4210)

Have a look what the booklet for
XYZ(42.2771, 37.2805, 55.4210)
contains.

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Color

**XYZ(42.3397, 37.3831,
55.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	BF98C1
RGB	191, 152, 193
RGB Percent	75%, 60%, 76%
CMY	0.2510, 0.4039, 0.2431
CMYK	0.01, 0.21, 0.00, 0.24
HSL	297°, 25%, 68%
HSV	297°, 21%, 76%
XYZ	42.3397, 37.3831, 55.4362
YIQ	168.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

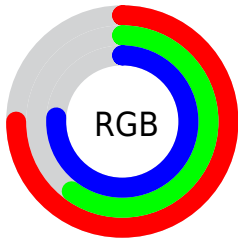
Format	Color
RYB	191, 152, 193
Decimal	12556481
CIELab	67.56, 21.67, -15.63
CIELCh	68, 26.720, 324.211
Yxy	37.3831, 0.3133, 0.2766
Android (android.graphics.Color)	4290746561 (0xFFBF98C1)
YUV	168.3350, 12.1598, 19.8772
Hunter-Lab	61.1417, 16.6105, -10.9581

Details

The XYZ color **42.3397, 37.3831, 55.4362** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0653, 47.2779, 36.8270**, and the grayscale version is **37.3236, 39.2673, 42.7621**.

A 20% lighter version of the original color is **78.2795, 71.4842, 100.1145**, and **19.6304, 16.4898, 26.5743** is the 20% darker color. If you saturate the color by 10%, you get **39.2230, 31.4993, 54.4653**, and if you desaturate by 10%, it is **45.9699, 44.2903, 56.5786**.

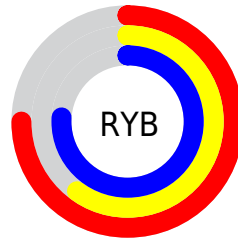
Distribution



Red (75%)

Green (60%)

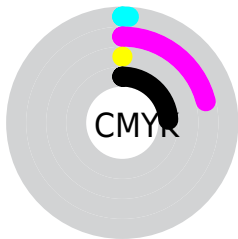
Blue (76%)



Red (75%)

Yellow (60%)

Blue (76%)

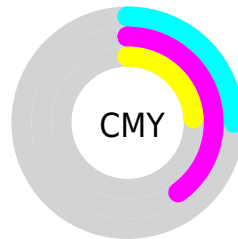


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3397, 37.3831, 55.4362 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 42.3397, 37.3831, 55.4362 by changing the saturation by 10% instead.


 42.3397, 37.3831,
55.4362


 42.3397, 37.3831,
55.4362


346.8569,
334.9662, 424.8918

 29.5596, 25.5042,
39.3501


 77.9754, 71.1616,
99.6573

 19.6510, 16.4531,
26.7223


 101.5618, 93.8300,
128.6294

 12.2484, 9.8454,
17.1342


129.4810,
120.8638, 162.7339

 6.9865, 5.2966,
10.1672

162.0984,
152.6473, 202.3894

 3.4999, 2.4223,
5.4029

199.7794,
189.5648, 248.0144

 1.4233, 0.8373,
2.4227

242.8892,

 0.2727, 0.0000,

232.0009, 300.0274

0.7988

291.7932,
280.3399, 358.8470

■ 0.0000, 0.0000,
0.0000

■ 42.3397, 37.3831,
55.4362

■ 42.3397, 37.3831,
55.4362

■ 39.2230, 31.4993,
54.4653

■ 45.9699, 44.2903,
56.5786

■ 36.5917, 26.5849,
53.6554

■ 50.1332, 52.2619,
57.8979

■ 34.4203, 22.5881,
52.9984

■ 54.8522, 61.3427,
59.4019

■ 32.6797, 19.4504,
52.4845

■ 60.1473, 71.5734,
61.0976

■ 31.3371, 17.1067,
52.1029

■ 66.0378, 82.9927,
62.9913

■ 30.3555, 15.4826,
51.8412

■ 68.3201, 87.1934,
63.6818

■ 29.6904, 14.4894,
51.6845

■ 68.5669, 87.3206,
63.6933

■ 29.2939, 13.9896,
51.6089

■ 68.8152, 87.4486,
63.7050

■ 69.0650, 87.5774,
63.7167

Harmonies

Analogous

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



38.8740, 37.3831, 65.0494



42.3397, 37.3831, 55.4362



43.9937, 37.3831, 43.0312

Triad

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



42.3397, 37.3831, 55.4362



36.3351, 37.3831, 22.0742



28.7964, 37.3831, 50.7154

Complementary

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



42.3397, 37.3831, 55.4362



38.0653, 47.2779, 36.8270

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.



28.2306, 37.3831, 38.4619



42.3397, 37.3831, 55.4362



32.3863, 37.3831, 23.3457

Square

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



42.3397, 37.3831, 55.4362



40.3595, 37.3831, 24.9584



29.4953, 37.3831, 28.8443



31.1048, 37.3831, 61.9766

Rectangle

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



42.3397, 37.3831, 55.4362



43.7616, 37.3831, 35.3936



29.4953, 37.3831, 28.8443



28.4039, 37.3831, 46.5203

Sweetspot

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



42.3408, 37.3847, 55.4370



86.0481, 86.4294, 102.5076



34.1400, 33.6552, 55.1494



18.3554, 18.3413, 21.9581



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.



42.3408, 37.3847, 55.4370



73.4060, 62.3644, 98.5289



40.9155, 36.8731, 45.2881



10.4472, 10.2217, 12.7072



19.5039, 9.3150, 34.3266



0.8579, 0.4103, 1.4839

Inverse Universe

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



39.0546, 36.1287, 35.4889



66.5952, 59.7652, 57.0123



39.3185, 47.7356, 45.3968



10.0927, 10.0857, 10.5785



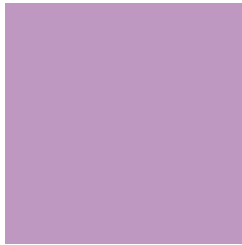
14.6704, 7.5579, 0.9106



0.6409, 0.3294, 0.0762

Previews

White Background



This preview shows how the XYZ color 42.3397, 37.3831, 55.4362 looks on a white background.

Color Contrast Check

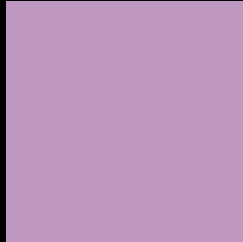
Large Text (above 18pt) WCAG AA × Fail

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 42.3397, 37.3831, 55.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

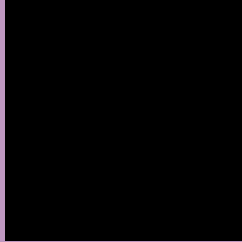
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3397, 37.3831, 55.4362

Background



This preview shows how black text looks on a background with the XYZ color 42.3397, 37.3831, 55.4362.



This preview shows how white text looks on a background with the XYZ color 42.3397, 37.3831,

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

42.3397, 37.3831, 55.4362

Protanopia

37.3501, 37.4794, 60.5240

Deuteranopia

38.2973, 37.5762, 54.5247



Tritanopia

39.7889, 37.3329, 42.6450

Trichromacy



Original Color

42.3397, 37.3831, 55.4362

Protanomaly

38.9534, 37.3085, 58.5743

Deuteranomaly

39.6458, 37.4896, 55.0158

Tritanomaly

40.7435, 37.4759, 47.2056

Monochromacy



Original Color

42.3397, 37.3831, 55.4362

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7606, 38.2451, 46.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3397, 37.3831, 55.4362 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(191, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 193)  
}
```

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(191, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.3397, 37.3831, 55.4362 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(191, 152, 193) }
```


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

```
.border{ border-color:rgb(191, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3397, 37.3831, 55.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 193) }
```

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

```
.background{ background-color: rgb(191,  
152, 193) }
```

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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