

Converting Colors

XYZ(41.0480, 37.4134, 55.6968)

Have a look what the booklet for
XYZ(41.0480, 37.4134, 55.6968)
contains.

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Color

**XYZ(41.1141, 37.4833,
55.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	B89BC1
RGB	184, 155, 193
RGB Percent	72%, 61%, 76%
CMY	0.2784, 0.3921, 0.2431
CMYK	0.05, 0.20, 0.00, 0.24
HSL	286°, 23%, 68%
HSV	286°, 20%, 76%
XYZ	41.1141, 37.4833, 55.5201
YIQ	168.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

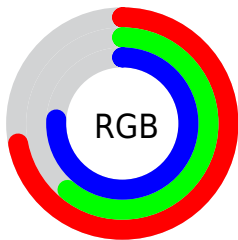
Format	Color
RYB	184, 155, 193
Decimal	12098497
CIELab	67.64, 17.63, -15.58
CIELCh	68, 23.528, 318.540
Yxy	37.4833, 0.3066, 0.2795
Android (android.graphics.Color)	4290288577 (0xFFB89BC1)
YUV	168.0030, 12.3235, 14.0294
Hunter-Lab	61.2236, 12.7286, -10.9101

Details

The XYZ color **41.1141, 37.4833, 55.5201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.2976, 48.4000, 38.2305**, and the grayscale version is **37.1616, 39.0969, 42.5765**.

A 20% lighter version of the original color is **76.0807, 71.4580, 99.4054**, and **18.9706, 16.5900, 26.6284** is the 20% darker color. If you saturate the color by 10%, you get **37.0782, 31.0104, 54.4840**, and if you desaturate by 10%, it is **45.7010, 45.0044, 56.7306**.

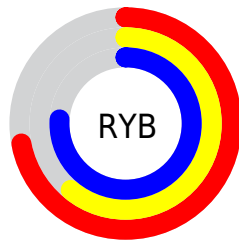
Distribution



Red (72%)

Green (61%)

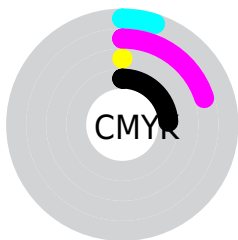
Blue (76%)



Red (72%)

Yellow (61%)

Blue (76%)

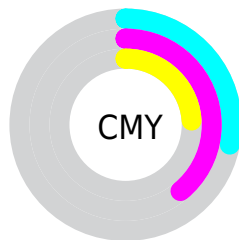


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (28%)


Magenta (39%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1141, 37.4833, 55.5201 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 41.1141, 37.4833, 55.5201 by changing the saturation by 10% instead.


 41.1141, 37.4833,
55.5201


 41.1141, 37.4833,
55.5201


341.8517,
335.3982, 425.2178

 28.5963, 25.5819,
39.4169


 76.1307, 71.3155,
99.7813

 18.9184, 16.5111,
26.7739


 99.3602, 94.0151,
128.7764

 11.7150, 9.8866,
17.1725


126.8910,
121.0828, 162.9059

 6.6207, 5.3238,
10.1943

159.0884,
152.9032, 202.5883

 3.2703, 2.4385,
5.4207

196.3179,
189.8605, 248.2422

 1.2982, 0.8456,
2.4331

238.9447,

 0.1819, 0.0000,

232.3392, 300.2860

0.8044

287.3342,
280.7236, 359.1384

■ 0.0000, 0.0000,
0.0000

■ 41.1141, 37.4833,
55.5201

■ 41.1141, 37.4833,
55.5201

■ 37.0782, 31.0104,
54.4840

■ 45.7010, 45.0044,
56.7306

■ 33.5653, 25.5320,
53.6117

■ 50.8586, 53.6144,
58.1207

■ 30.5498, 20.9970,
52.8953

■ 56.6097, 63.3579,
59.6983

■ 28.0026, 17.3476,
52.3251

■ 62.9747, 74.2754,
61.4701

■ 25.8914, 14.5195,
51.8905

■ 69.9733, 86.4054,
63.4425

■ 24.1794, 12.4400,
51.5794

■ 72.3729, 89.2827,
63.8714

■ 22.8234, 11.0228,
51.3773

■ 73.7048, 89.9693,
63.9338

■ 21.7422, 10.1063,
51.2574

■ 75.0744, 90.6753,
63.9979

■ 21.7100, 10.0799,
51.2540

■ 76.4818, 91.4009,
64.0637

Harmonies

Analogous

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



37.8910, 37.4833, 62.8343



41.1141, 37.4833, 55.5201



42.9097, 37.4833, 44.9122

Triad

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



41.1141, 37.4833, 55.5201



37.0307, 37.4833, 24.1980



29.4141, 37.4833, 47.5002

Complementary

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



41.1141, 37.4833, 55.5201



40.2976, 48.4000, 38.2305

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.



29.2183, 37.4833, 36.9710



41.1141, 37.4833, 55.5201



33.4545, 37.4833, 24.6514

Square

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



41.1141, 37.4833, 55.5201



40.4476, 37.4833, 27.5977



30.6508, 37.4833, 28.9635



31.2050, 37.4833, 57.6893

Rectangle

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



41.1141, 37.4833, 55.5201



42.9796, 37.4833, 37.9177



30.6508, 37.4833, 28.9635



29.1643, 37.4833, 43.8519

Sweetspot

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



41.1152, 37.4849, 55.5209



85.0495, 85.9146, 102.4609



36.5099, 37.5508, 55.7764



18.1183, 18.2191, 21.9470



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.



41.1152, 37.4849, 55.5209



70.1273, 61.4704, 98.5292



42.3142, 38.2215, 50.2213



10.2566, 10.1234, 12.6983



14.5133, 6.7423, 34.0931



0.6849, 0.3211, 1.4758

Inverse Universe

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



40.4158, 37.4622, 40.2246



68.7002, 61.4654, 65.4514



39.3350, 47.8079, 42.5155



10.1688, 10.1161, 10.9794



14.9782, 7.6810, 2.5312



0.6750, 0.3430, 0.2561

Previews

White Background



This preview shows how the XYZ color 41.1141, 37.4833, 55.5201 looks on a white background.

Color Contrast Check

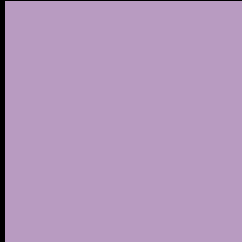
Large Text (above 18pt) WCAG AA × Fail

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 41.1141, 37.4833, 55.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

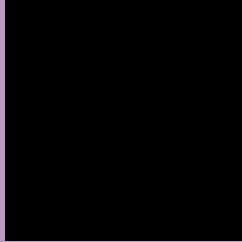
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1141, 37.4833, 55.5201

Background



This preview shows how black text looks on a background with the XYZ color 41.1141, 37.4833, 55.5201.



This preview shows how white text looks on a background with the XYZ color 41.1141, 37.4833,

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

41.1141, 37.4833, 55.5201

Protanopia

37.3106, 37.4860, 59.3019

Deuteranopia

38.4077, 37.6203, 55.1063



Tritanopia

38.8049, 37.5603, 43.7327

Trichromacy



Original Color

41.1141, 37.4833, 55.5201

Protanomaly

38.5852, 37.3883, 58.0063

Deuteranomaly

39.3681, 37.6007, 55.0519

Tritanomaly

39.6549, 37.6535, 47.8256

Monochromacy



Original Color

41.1141, 37.4833, 55.5201

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4886, 38.3674, 46.9721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1141, 37.4833, 55.5201 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(184, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 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(184, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.1141, 37.4833, 55.5201 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(184, 155, 193) }
```


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

```
.border{ border-color:rgb(184, 155, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1141, 37.4833, 55.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 193) }
```

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

```
.background{ background-color: rgb(184,  
155, 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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