

Converting Colors

XYZ(41.8550, 37.6634, 61.1373)

Have a look what the booklet for
XYZ(41.8550, 37.6634, 61.1373)
contains.

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Color

**XYZ(41.9105, 37.7742,
60.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	B79BCA
RGB	183, 155, 202
RGB Percent	72%, 61%, 79%
CMY	0.2823, 0.3921, 0.2078
CMYK	0.09, 0.23, 0.00, 0.21
HSL	276°, 31%, 70%
HSV	276°, 23%, 79%
XYZ	41.9105, 37.7742, 60.9594
YIQ	168.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

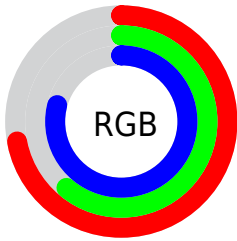
Format	Color
RYB	183, 155, 202
Decimal	12032970
CIELab	67.85, 19.13, -20.26
CIELCh	68, 27.865, 313.351
Yxy	37.7742, 0.2980, 0.2686
Android (android.graphics.Color)	4290223050 (0xFFB79BCA)
YUV	168.7300, 16.4021, 12.5148
Hunter-Lab	61.4607, 14.1642, -15.7839

Details

The XYZ color **41.9105, 37.7742, 60.9594** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4937, 53.6072, 39.0142**, and the grayscale version is **37.5008, 39.4537, 42.9651**.

A 20% lighter version of the original color is **76.6932, 71.6639, 104.3981**, and **19.5015, 16.7846, 30.2289** is the 20% darker color. If you saturate the color by 10%, you get **36.9398, 30.6325, 59.8435**, and if you desaturate by 10%, it is **47.5586, 46.1019, 62.2697**.

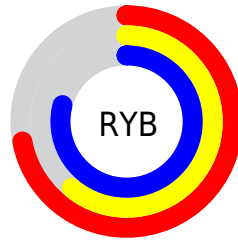
Distribution



Red (72%)

Green (61%)

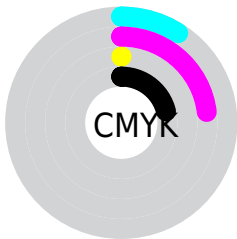
Blue (79%)



Red (72%)

Yellow (61%)

Blue (79%)

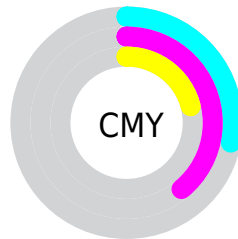


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (28%)


Magenta (39%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9105, 37.7742, 60.9594 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 41.9105, 37.7742, 60.9594 by changing the saturation by 10% instead.


 41.9105, 37.7742,
60.9594


 41.9105, 37.7742,
60.9594


345.1097,
336.6504, 446.0276

 29.2220, 25.8075,
43.7621

 77.3302, 71.7619,
107.7771

 19.3940, 16.6797,
30.1477

 100.7921, 94.5517,
138.2346

 12.0610, 10.0064,
19.6977


128.5758,
121.7180, 173.9491

 6.8577, 5.4032,
11.9936


161.0468,
153.6451, 215.3393

 3.4188, 2.4857,
6.6168

198.5703,
190.7175, 262.8237

 1.3789, 0.8695,
3.1489

241.5117,

 0.2411, 0.0000,

233.3196, 316.8209

1.1711

290.2364,
281.8358, 377.7493

■ 0.0000, 0.0000,
0.0000

■ 41.9105, 37.7742,
60.9594

■ 41.9105, 37.7742,
60.9594

■ 36.9398, 30.6325,
59.8435

■ 47.5586, 46.1019,
62.2697

■ 32.6131, 24.6151,
58.9101

■ 53.9085, 55.6637,
63.7806

■ 28.8993, 19.6620,
58.1497

■ 60.9875, 66.5110,
65.5013

■ 25.7631, 15.7052,
57.5513

■ 68.8203, 78.6907,
67.4394

■ 23.1649, 12.6689,
57.1022

■ 77.1093, 91.6048,
69.4952

■ 21.0596, 10.4659,
56.7879

■ 79.6990, 92.9398,
69.6164

■ 19.3931, 8.9913,
56.5911

■ 82.4118, 94.3384,
69.7433

■ 18.4538, 8.2818,
56.5037

■ 85.2495, 95.8012,
69.8761

■ 87.6608, 97.0443,
69.9890

Harmonies

Analogous

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



37.8551, 37.7742, 68.8787



41.9105, 37.7742, 60.9594



44.4610, 37.7742, 48.3264

Triad

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



41.9105, 37.7742, 60.9594



38.3353, 37.7742, 22.2936



28.4148, 37.7742, 46.8692

Complementary

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



41.9105, 37.7742, 60.9594



44.4937, 53.6072, 39.0142

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.



28.5207, 37.7742, 34.6855



41.9105, 37.7742, 60.9594



34.0197, 37.7742, 22.0589

Square

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



41.9105, 37.7742, 60.9594



42.2863, 37.7742, 26.8692



30.4993, 37.7742, 26.1471



30.1972, 37.7742, 59.7100

Rectangle

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



41.9105, 37.7742, 60.9594



44.8472, 37.7742, 39.7552



30.4993, 37.7742, 26.1471



28.2353, 37.7742, 42.5355

Sweetspot

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



41.9117, 37.7758, 60.9602



87.0125, 87.7923, 106.9673



39.4286, 41.7323, 61.8548



18.4821, 18.5768, 22.8615



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.



41.9117, 37.7758, 60.9602



66.5142, 57.5258, 102.2056



46.2822, 40.0818, 58.7745



11.2318, 11.1688, 14.1342



11.9777, 5.3823, 36.3639



0.7024, 0.3212, 1.8799

Inverse Universe

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



43.7196, 39.0568, 45.2803



70.2398, 60.1519, 70.5032



40.8902, 51.7109, 40.5907



11.3971, 11.2876, 12.6259



16.6868, 8.4853, 6.0694



0.8981, 0.4527, 0.5095

Previews

White Background



This preview shows how the XYZ color 41.9105, 37.7742, 60.9594 looks on a white background.

Color Contrast Check

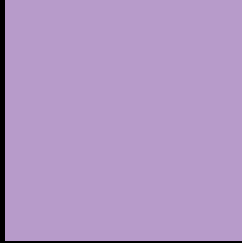
Large Text (above 18pt) WCAG AA × Fail

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 41.9105, 37.7742, 60.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

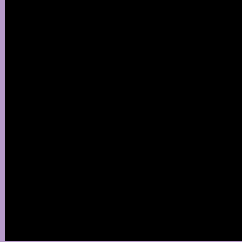
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9105, 37.7742, 60.9594

Background



This preview shows how black text looks on a background with the XYZ color 41.9105, 37.7742, 60.9594.



This preview shows how white text looks on a background with the XYZ color 41.9105, 37.7742,

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

41.9105, 37.7742, 60.9594

Protanopia

38.1782, 38.0735, 65.0112

Deuteranopia

38.7728, 37.9502, 60.5399



Tritanopia

38.4737, 37.6237, 44.7695

Trichromacy



Original Color

41.9105, 37.7742, 60.9594

Protanomaly

39.4025, 37.9453, 63.6400

Deuteranomaly

39.7353, 37.6712, 60.4353

Tritanomaly

39.7010, 37.6177, 50.5159

Monochromacy



Original Color

41.9105, 37.7742, 60.9594

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.0715, 38.8858, 49.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9105, 37.7742, 60.9594 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(183, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 155, 202)  
}
```

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(183, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 155, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.9105, 37.7742, 60.9594 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(183, 155, 202) }
```


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

```
.border{ border-color:rgb(183, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 155,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9105, 37.7742, 60.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 155, 202) }
```

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

```
.background{ background-color: rgb(183,  
155, 202) }
```

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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