

Converting Colors

XYZ(41.7413, 41.4091, 59.7655)

Have a look what the booklet for
XYZ(41.7413, 41.4091, 59.7655)
contains.

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Color

**XYZ(41.7304, 41.3837,
59.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA9C7
RGB	173, 169, 199
RGB Percent	68%, 66%, 78%
CMY	0.3216, 0.3372, 0.2196
CMYK	0.13, 0.15, 0.00, 0.22
HSL	248°, 21%, 72%
HSV	248°, 15%, 78%
XYZ	41.7304, 41.3837, 59.8213
YIQ	173.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

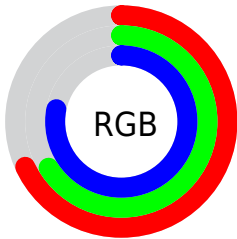
Format	Color
RYB	173, 169, 199
Decimal	11381191
CIELab	70.44, 7.42, -14.76
CIElCh	70, 16.523, 296.677
Yxy	41.3837, 0.2920, 0.2895
Android (android.graphics.Color)	4289571271 (0xFFADA9C7)
YUV	173.6160, 12.5143, -0.5402
Hunter-Lab	64.3302, 3.2136, -10.1033

Details

The XYZ color **41.7304, 41.3837, 59.8213** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.0919, 55.3146, 45.5747**, and the grayscale version is **39.9769, 42.0588, 45.8020**.

A 20% lighter version of the original color is **77.0188, 77.1893, 105.4474**, and **19.2179, 18.7600, 29.3962** is the 20% darker color. If you saturate the color by 10%, you get **34.7356, 32.6948, 58.5135**, and if you desaturate by 10%, it is **49.7835, 51.4568, 61.3418**.

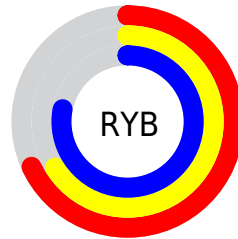
Distribution



Red (68%)

Green (66%)

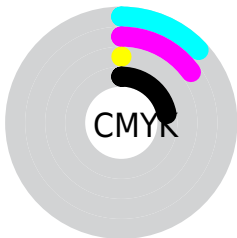
Blue (78%)



Red (68%)

Yellow (66%)

Blue (78%)

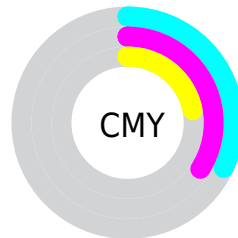


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7304, 41.3837, 59.8213 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 41.7304, 41.3837, 59.8213 by changing the saturation by 10% instead.

■ 41.7304, 41.3837,
59.8213

■ 41.7304, 41.3837,
59.8213

344.3748,
351.9217, 441.7251

■ 29.0804, 28.6190,
42.8503

■ 77.0592, 77.2660,
106.1112

■ 19.2863, 18.7928,
29.4371

100.4687,
101.1525, 136.2672

■ 11.9825, 11.5207,
19.1633

128.1954,
129.5149, 171.6552

■ 6.8039, 6.4182,
11.6103

160.6047,
162.7378, 212.6938

■ 3.3850, 3.1010,
6.3596

198.0619,
201.2056, 259.8016

■ 1.3605, 1.1847,
2.9927

240.9325,

■ 0.2278, 0.0491,

245.3025, 313.3970

1.0909

289.5816,
295.4131, 373.8987

■ 0.0000, 0.0000,
0.0000

■ 41.7304, 41.3837,
59.8213

■ 41.7304, 41.3837,
59.8213

■ 34.7356, 32.6948,
58.5135

■ 49.7835, 51.4568,
61.3418

■ 28.7513, 25.3244,
57.4063

■ 58.9327, 62.9656,
63.0810

■ 23.7315, 19.2094,
56.4905

■ 69.2185, 75.9653,
65.0481

■ 19.6252, 14.2794,
55.7554

■ 80.6780, 90.5066,
67.2509

■ 16.3766, 10.4569,
55.1888

■ 87.3089, 96.9036,
68.1361

■ 13.9236, 7.6551,
54.7773

■ 12.1957, 5.7744,
54.5053

■ 11.1092, 4.6941,
54.3541

■ 10.7484, 4.3501,
54.3067

Harmonies

Analogous

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



39.0314, 41.3837, 61.7380



41.7304, 41.3837, 59.8213



43.8705, 41.3837, 53.8043

Triad

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



41.7304, 41.3837, 59.8213



42.2792, 41.3837, 33.6615



34.3378, 41.3837, 44.1968

Complementary

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



41.7304, 41.3837, 59.8213



50.0919, 55.3146, 45.5747

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.



35.1215, 41.3837, 37.3182



41.7304, 41.3837, 59.8213



39.6380, 41.3837, 31.6933

Square

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



41.7304, 41.3837, 59.8213



44.1975, 41.3837, 38.6608



37.0311, 41.3837, 32.9514



34.8410, 41.3837, 52.1286

Rectangle

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



41.7304, 41.3837, 59.8213



44.6489, 41.3837, 48.6022



37.0311, 41.3837, 32.9514



34.4585, 41.3837, 41.6939

Sweetspot

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



41.7317, 41.3854, 59.8222



87.1673, 90.0972, 107.4040



46.2996, 51.8143, 61.5944



18.4288, 18.9978, 22.9456



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.



41.7317, 41.3854, 59.8222



68.9633, 67.3501, 103.9728



45.1142, 43.1292, 59.9805



10.1860, 10.3541, 13.3792



6.9542, 2.8193, 34.9220



0.3734, 0.1563, 1.6556

Inverse Universe

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



47.5928, 44.4599, 57.7047



81.1455, 73.7422, 99.4831



46.5252, 53.4759, 45.4078



11.0199, 10.7914, 13.0882



19.9864, 9.7441, 26.2018



0.9637, 0.4683, 1.3319

Previews

White Background



This preview shows how the XYZ color 41.7304, 41.3837, 59.8213 looks on a white background.

Color Contrast Check

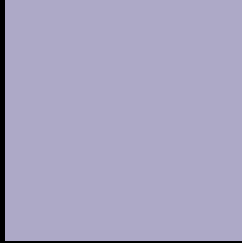
Large Text (above 18pt) WCAG AA × Fail

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 41.7304, 41.3837, 59.8213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

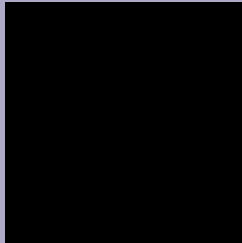
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7304, 41.3837, 59.8213

Background



This preview shows how black text looks on a background with the XYZ color 41.7304, 41.3837, 59.8213.



This preview shows how white text looks on a background with the XYZ color 41.7304, 41.3837,

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

41.7304, 41.3837, 59.8213

Protanopia

40.9246, 41.5114, 60.4991

Deuteranopia

42.2159, 41.3589, 59.7909



Tritanopia

40.1145, 41.2865, 51.7538

Trichromacy



Original Color

41.7304, 41.3837, 59.8213

Protanomaly

41.1622, 41.3546, 60.4563

Deuteranomaly

41.9906, 41.2427, 59.7803

Tritanomaly

40.6822, 41.2378, 54.5307

Monochromacy



Original Color

41.7304, 41.3837, 59.8213

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7553, 41.9226, 50.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7304, 41.3837, 59.8213 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(173, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 199)  
}
```

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(173, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.7304, 41.3837, 59.8213 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(173, 169, 199) }
```


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

```
.border{ border-color:rgb(173, 169, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7304, 41.3837, 59.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 199) }
```

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

```
.background{ background-color: rgb(173,  
169, 199) }
```

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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