

Converting Colors

XYZ(41.3965, 37.0995, 58.9518)

Have a look what the booklet for
XYZ(41.3965, 37.0995, 58.9518)
contains.

XYZ(41.4672, 37.0963, 59.0076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.4672, 37.0963,
59.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	B899C7
RGB	184, 153, 199
RGB Percent	72%, 60%, 78%
CMY	0.2784, 0.4000, 0.2196
CMYK	0.08, 0.23, 0.00, 0.22
HSL	280°, 29%, 69%
HSV	280°, 23%, 78%
XYZ	41.4672, 37.0963, 59.0076
YIQ	167.5130, 3.7100, 20.8780

Conversions

Conversions Part 2

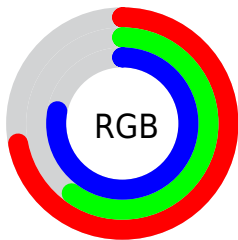
Format	Color
RYB	184, 153, 199
Decimal	12097991
CIELab	67.35, 19.96, -19.35
CIELCh	67, 27.800, 315.879
Yxy	37.0963, 0.3014, 0.2697
Android (android.graphics.Color)	4290288071 (0xFFB899C7)
YUV	167.5130, 15.5231, 14.4591
Hunter-Lab	60.9067, 14.9416, -14.8066

Details

The XYZ color **41.4672, 37.0963, 59.0076** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3229, 51.4725, 37.8432**, and the grayscale version is **36.9071, 38.8291, 42.2849**.

A 20% lighter version of the original color is **76.2980, 70.3709, 104.1693**, and **19.2223, 16.3724, 28.9351** is the 20% darker color. If you saturate the color by 10%, you get **36.9591, 30.3345, 57.9406**, and if you desaturate by 10%, it is **46.5921, 44.9844, 60.2606**.

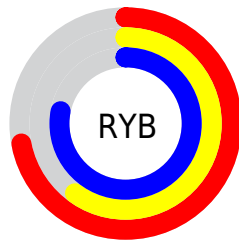
Distribution



Red (72%)

Green (60%)

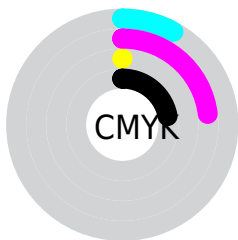
Blue (78%)



Red (72%)

Yellow (60%)

Blue (78%)

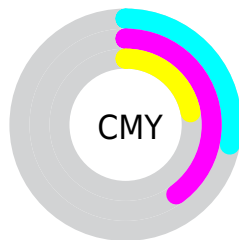


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4672, 37.0963, 59.0076 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 41.4672, 37.0963, 59.0076 by changing the saturation by 10% instead.

■ 41.4672, 37.0963,
59.0076

■ 41.4672, 37.0963,
59.0076

343.2988,
333.7273, 438.6327

■ 28.8736, 25.2821,
42.1992

■ 76.6628, 70.7209,
104.9179

■ 19.1290, 16.2873,
28.9306

■ 99.9956, 93.3000,
134.8569

■ 11.8681, 9.7277,
18.7832

127.6388,
120.2362, 170.0099

■ 6.7255, 5.2188,
11.3385

159.9578,
151.9139, 210.7953

■ 3.3358, 2.3762,
6.1780

197.3180,
188.7174, 257.6318

■ 1.3337, 0.8136,
2.8831

240.0846,

■ 0.2083, 0.0000,

231.0312, 310.9378

1.0352

288.6231,
279.2397, 371.1320

■ 0.0000, 0.0000,
0.0000

■ 41.4672, 37.0963,
59.0076

■ 41.4672, 37.0963,
59.0076

■ 36.9591, 30.3345,
57.9406

■ 46.5921, 44.9844,
60.2606

■ 33.0364, 24.6399,
57.0482

■ 52.3564, 54.0446,
61.7056

■ 29.6702, 19.9551,
56.3214

■ 58.7855, 64.3259,
63.3512

■ 26.8274, 16.2155,
55.7494

■ 65.9026, 75.8732,
65.2050

■ 24.4709, 13.3485,
55.3202

■ 73.7294, 88.7289,
67.2739

■ 22.5584, 11.2708,
55.0200

■ 76.4810, 91.3216,
67.6293

■ 21.0389, 9.8823,
54.8320

■ 78.5183, 92.3719,
67.7246

■ 20.1577, 9.2008,
54.7469

■ 80.6331, 93.4620,
67.8236

■ 82.8261, 94.5926,
67.9262

Harmonies

Analogous

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



37.5461, 37.0963, 67.3942



41.4672, 37.0963, 59.0076



43.8073, 37.0963, 46.3849

Triad

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



41.4672, 37.0963, 59.0076



37.2938, 37.0963, 21.6566



27.9576, 37.0963, 47.1507

Complementary

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



41.4672, 37.0963, 59.0076



42.3229, 51.4725, 37.8432

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.



27.9019, 37.0963, 34.9381



41.4672, 37.0963, 59.0076



33.0665, 37.0963, 21.7796

Square

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



41.4672, 37.0963, 59.0076



41.2697, 37.0963, 25.7924



29.7034, 37.0963, 26.1713



29.8621, 37.0963, 59.6647

Rectangle

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



41.4672, 37.0963, 59.0076



44.0438, 37.0963, 38.0378



29.7034, 37.0963, 26.1713



27.7275, 37.0963, 42.8404

Sweetspot

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



41.4684, 37.0979, 59.0084



87.5085, 88.0480, 106.9905



37.5113, 39.0259, 59.5891



18.5971, 18.6360, 22.8669



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.



41.4684, 37.0979, 59.0084



68.2944, 58.4435, 102.2890



44.3862, 38.7024, 54.6145



10.7339, 10.6366, 13.4048



13.0569, 5.9653, 35.2076



0.6920, 0.3205, 1.6705

Inverse Universe

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



42.0135, 37.7533, 42.1201



69.5457, 59.8743, 66.8480



39.9652, 50.1816, 41.1455



10.7741, 10.6930, 11.7936



15.7929, 8.0667, 4.1192



0.7813, 0.3954, 0.3716

Previews

White Background



This preview shows how the XYZ color 41.4672, 37.0963, 59.0076 looks on a white background.

Color Contrast Check

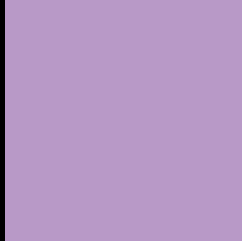
Large Text (above 18pt) WCAG AA × Fail

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 41.4672, 37.0963, 59.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

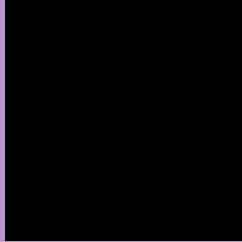
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4672, 37.0963, 59.0076

Background



This preview shows how black text looks on a background with the XYZ color 41.4672, 37.0963, 59.0076.



This preview shows how white text looks on a background with the XYZ color 41.4672, 37.0963,

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

41.4672, 37.0963, 59.0076

Protanopia

37.3873, 37.1669, 63.5959

Deuteranopia

38.0737, 37.1113, 58.5826



Tritanopia

38.3999, 37.0973, 43.6647

Trichromacy



Original Color

41.4672, 37.0963, 59.0076

Protanomaly

38.6947, 37.1074, 61.6229

Deuteranomaly

39.0446, 36.8491, 58.4808

Tritanomaly

39.2850, 36.9369, 48.7750

Monochromacy



Original Color

41.4672, 37.0963, 59.0076

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6894, 38.4477, 48.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4672, 37.0963, 59.0076 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, 153, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 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(184, 153, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.4672, 37.0963, 59.0076 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, 153, 199) }
```


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

```
.border{ border-color:rgb(184, 153, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4672, 37.0963, 59.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 199) }
```

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

```
.background{ background-color: rgb(184,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor