

Converting Colors

XYZ(41.9054, 37.3349, 66.3050)

Have a look what the booklet for
XYZ(41.9054, 37.3349, 66.3050)
contains.

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Color

**XYZ(41.9039, 37.3981,
66.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	B39AD3
RGB	179, 154, 211
RGB Percent	70%, 60%, 83%
CMY	0.2980, 0.3961, 0.1725
CMYK	0.15, 0.27, 0.00, 0.17
HSL	266°, 39%, 72%
HSV	266°, 27%, 83%
XYZ	41.9039, 37.3981, 66.6380
YIQ	167.9730, -3.3970, 23.0270

Conversions

Conversions Part 2

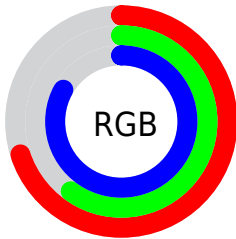
Format	Color
RYB	179, 154, 211
Decimal	11770579
CIELab	67.57, 20.31, -25.71
CIELCh	68, 32.766, 308.309
Yxy	37.3981, 0.2871, 0.2563
Android (android.graphics.Color)	4289960659 (0xFFB39AD3)
YUV	167.9730, 21.2123, 9.6707
Hunter-Lab	61.1540, 15.2922, -21.7991

Details

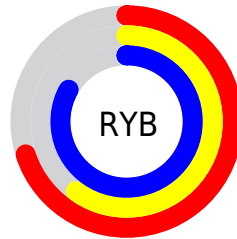
The XYZ color **41.9039, 37.3981, 66.6380** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3779, 59.3617, 39.4290**, and the grayscale version is **37.1077, 39.0402, 42.5147**.

A 20% lighter version of the original color is **75.1114, 70.4831, 104.2535**, and **19.4552, 16.5364, 33.6189** is the 20% darker color. If you saturate the color by 10%, you get **36.1017, 29.6844, 65.4555**, and if you desaturate by 10%, it is **48.5558, 46.4603, 68.0372**.

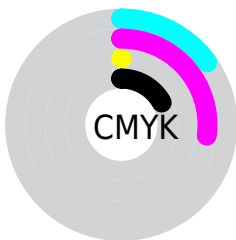
Distribution



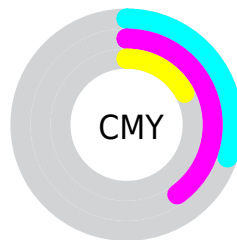
- Red (70%)
- Green (60%)
- Blue (83%)



- Red (70%)
- Yellow (60%)
- Blue (83%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9039, 37.3981, 66.6380 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 41.9039, 37.3981, 66.6380 by changing the saturation by 10% instead.

■ 41.9039, 37.3981,
66.6380

■ 41.9039, 37.3981,
66.6380

345.0828,
335.0309, 467.1215

■ 29.2168, 25.5159,
48.3308

■ 77.3202, 71.1846,
116.0373

■ 19.3900, 16.4618,
33.7270

■ 100.7802, 93.8577,
147.9664

■ 12.0581, 9.8515,
22.4083

128.5619,
120.8966, 185.2732

■ 6.8557, 5.3006,
13.9561

161.0306,
152.6856, 228.3762

■ 3.4176, 2.4247,
7.9517

198.5517,
189.6091, 277.6940

■ 1.3782, 0.8386,
3.9767

241.4905,

■ 0.2406, 0.0000,

232.0516, 333.6451

1.6126

290.2124,
280.3974, 396.6481

■ 0.0000, 0.0000,
0.2998

■ 0.0000, 0.0000,
0.0000

■ 41.9039, 37.3981,
66.6380

■ 41.9039, 37.3981,
66.6380

■ 36.1017, 29.6844,
65.4555

■ 48.5558, 46.4603,
68.0372

■ 31.1077, 23.2476,
64.4763

■ 56.0893, 56.9288,
69.6607

■ 26.8820, 18.0160,
63.6892

■ 64.5387, 68.8634,
71.5190

■ 23.3796, 13.9089,
63.0811

■ 73.9355, 82.3191,
73.6210

■ 20.5499, 10.8353,
62.6370

■ 82.8556, 94.4404,
75.4905

■ 18.3347, 8.6892,
62.3395

■ 86.9701, 96.5615,
75.6830

■ 16.6588, 7.3312,
62.1657

■ 88.7580, 97.4832,
75.7667

■ 16.2260, 7.0065,
62.1258

Harmonies

Analogous

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



36.9660, 37.3981, 74.8557



41.9039, 37.3981, 66.6380



45.3416, 37.3981, 51.8742

Triad

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



41.9039, 37.3981, 66.6380



39.2526, 37.3981, 19.9783



26.7860, 37.3981, 44.8679

Complementary

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



41.9039, 37.3981, 66.6380



49.3779, 59.3617, 39.4290

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.



27.2734, 37.3981, 31.2919



41.9039, 37.3981, 66.6380



34.1624, 37.3981, 18.9541

Square

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



41.9039, 37.3981, 66.6380



43.7129, 37.3981, 25.8135



29.8657, 37.3981, 22.5809



28.4651, 37.3981, 60.4816

Rectangle

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



41.9039, 37.3981, 66.6380



46.1492, 37.3981, 41.5454



29.8657, 37.3981, 22.5809



26.7053, 37.3981, 39.9060

Sweetspot

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



41.9051, 37.3996, 66.6388



84.7952, 85.5601, 106.6533



42.7078, 46.8189, 68.4146



17.7590, 17.7675, 22.7434



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.



41.9051, 37.3996, 66.6388



59.4183, 50.8436, 101.2899



49.1026, 41.1101, 66.9757



11.6486, 11.6677, 14.8818



9.9056, 4.2868, 37.4978



0.6442, 0.2863, 2.1009

Inverse Universe

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



47.2837, 40.5068, 51.7824



69.0744, 56.4264, 74.4146



43.1895, 56.1714, 39.1394



12.0827, 11.9178, 13.7111



18.2547, 9.1747, 11.5131



1.0602, 0.5288, 0.8519

Previews

White Background



This preview shows how the XYZ color 41.9039, 37.3981, 66.6380 looks on a white background.

Color Contrast Check

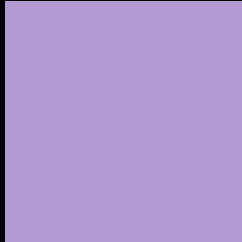
Large Text (above 18pt) WCAG AA × Fail

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 41.9039, 37.3981, 66.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

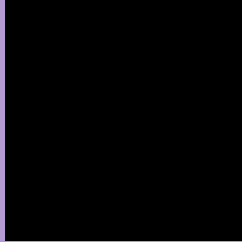
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9039, 37.3981, 66.6380

Background



This preview shows how black text looks on a background with the XYZ color 41.9039, 37.3981, 66.6380.



This preview shows how white text looks on a background with the XYZ color 41.9039, 37.3981,

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

41.9039, 37.3981, 66.6380

Protanopia

38.1993, 37.6882, 70.9069

Deuteranopia

38.3336, 37.6122, 65.5611



Tritanopia

37.6184, 37.4300, 45.2864

Trichromacy



Original Color

41.9039, 37.3981, 66.6380

Protanomaly

39.5345, 37.6250, 69.4686

Deuteranomaly

39.5480, 37.4488, 66.1167

Tritanomaly

38.8757, 37.1555, 52.1365

Monochromacy



Original Color

41.9039, 37.3981, 66.6380

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7622, 38.4257, 50.7213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9039, 37.3981, 66.6380 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(179, 154, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 211)  
}
```

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(179, 154, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 211) }
```

Border

The CSS property to change the border of an element to XYZ 41.9039, 37.3981, 66.6380 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(179, 154, 211) }
```


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

```
.border{ border-color:rgb(179, 154, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9039, 37.3981, 66.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 211) }
```

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

```
.background{ background-color: rgb(179,  
154, 211) }
```

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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