

Converting Colors

XYZ(40.0518, 37.3975, 65.1898)

Have a look what the booklet for
XYZ(40.0518, 37.3975, 65.1898)
contains.

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Color

**XYZ(40.0977, 37.4922,
65.4449)**

Conversions

Conversions Part 1

Format	Color
Hex	A99ED1
RGB	169, 158, 209
RGB Percent	66%, 62%, 82%
CMY	0.3372, 0.3804, 0.1804
CMYK	0.19, 0.24, 0.00, 0.18
HSL	253°, 36%, 72%
HSV	253°, 24%, 82%
XYZ	40.0977, 37.4922, 65.4449
YIQ	167.1030, -9.8150, 18.1930

Conversions

Conversions Part 2

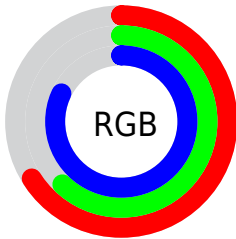
Format	Color
R_{YB}	169, 158, 209
Decimal	11116241
CIE _{Lab}	67.64, 14.46, -24.57
CIE _{LCh}	68, 28.511, 300.480
Yxy	37.4922, 0.2803, 0.2621
Android (android.graphics.Color)	4289306321 (0xFFA99ED1)
YUV	167.1030, 20.6552, 1.6637
Hunter-Lab	61.2309, 9.7386, -20.5088

Details

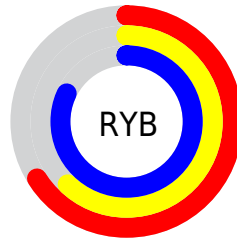
The XYZ color **40.0977, 37.4922, 65.4449** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2618, 60.0762, 41.1908**, and the grayscale version is **36.6877, 38.5984, 42.0336**.

A 20% lighter version of the original color is **72.8956, 70.8161, 104.4346**, and **18.2929, 16.5615, 32.8044** is the 20% darker color. If you saturate the color by 10%, you get **33.5325, 29.2587, 64.2023**, and if you desaturate by 10%, it is **47.7125, 47.1686, 66.9119**.

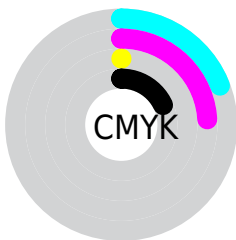
Distribution



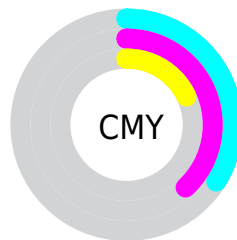
- Red (66%)
- Green (62%)
- Blue (82%)



- Red (66%)
- Yellow (62%)
- Blue (82%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (34%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0977, 37.4922, 65.4449 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 40.0977, 37.4922, 65.4449 by changing the saturation by 10% instead.

■ 40.0977, 37.4922,
65.4449

■ 40.0977, 37.4922,
65.4449

337.6626,
335.4366, 462.7389

■ 27.7993, 25.5888,
47.3683

■ 74.5957, 71.3291,
114.3086

■ 18.3141, 16.5163,
32.9705

■ 97.5259, 94.0315,
145.9328

■ 11.2768, 9.8902,
21.8329

124.7308,
121.1023, 182.9100

■ 6.3220, 5.3262,
13.5370

156.5757,
152.9259, 225.6587

■ 3.0843, 2.4399,
7.6643

193.4260,
189.8867, 274.5973

■ 1.1985, 0.8463,
3.7962

235.6470,

■ 0.1052, 0.0000,

232.3692, 330.1446

1.5142

283.6041,
280.7577, 392.7189

■ 0.0000, 0.0000,
0.2285

■ 0.0000, 0.0000,
0.0000

■ 40.0977, 37.4922,
65.4449

■ 40.0977, 37.4922,
65.4449

■ 33.5325, 29.2587,
64.2023

■ 47.7125, 47.1686,
66.9119

■ 27.9663, 22.3937,
63.1706

■ 56.4172, 58.3481,
68.6110

■ 23.3498, 16.8232,
62.3387

■ 66.2543, 71.0933,
70.5526

■ 19.6278, 12.4643,
61.6935

■ 77.2630, 85.4617,
72.7457

■ 16.7391, 9.2240,
61.2203

■ 87.0397, 96.6262,
74.3854

■ 14.6144, 6.9956,
60.9022

■ 88.5087, 97.3835,
74.4542

■ 13.1717, 5.6506,
60.7186

■ 12.5943, 5.1631,
60.6550

Harmonies

Analogous

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



35.7061, 37.4922, 70.1347



40.0977, 37.4922, 65.4449



43.5095, 37.4922, 53.9519

Triad

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



40.0977, 37.4922, 65.4449



39.9650, 37.4922, 23.1708



27.8325, 37.4922, 41.0259

Complementary

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



40.0977, 37.4922, 65.4449



52.2618, 60.0762, 41.1908

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.



28.7733, 37.4922, 30.0175



40.0977, 37.4922, 65.4449



35.5644, 37.4922, 21.0829

Square

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



40.0977, 37.4922, 65.4449



43.4286, 37.4922, 29.7320



31.5167, 37.4922, 23.3102



28.8348, 37.4922, 54.3764

Rectangle

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



40.0977, 37.4922, 65.4449



44.6398, 37.4922, 44.9592



31.5167, 37.4922, 23.3102



27.9311, 37.4922, 36.9479

Sweetspot

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



40.0989, 37.4937, 65.4457



84.6532, 86.5760, 106.8569



45.9878, 52.6285, 68.0567



17.9363, 18.2954, 22.8360



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.



40.0989, 37.4937, 65.4457



57.6098, 52.1583, 101.6389



45.9079, 40.4884, 65.7176



11.3987, 11.5388, 14.8701



7.8339, 3.2188, 37.4009



0.5069, 0.2155, 2.0944

Inverse Universe

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



48.7155, 42.0877, 58.9835



73.3616, 60.5631, 89.5241



46.2732, 56.9889, 40.9105



12.1971, 11.9636, 14.3136



20.3774, 10.0238, 22.6913



1.1672, 0.5716, 1.4153

Previews

White Background



This preview shows how the XYZ color 40.0977, 37.4922, 65.4449 looks on a white background.

Color Contrast Check

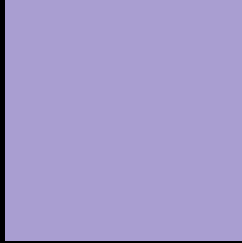
Large Text (above 18pt) WCAG AA × Fail

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 40.0977, 37.4922, 65.4449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

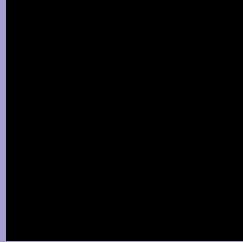
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0977, 37.4922, 65.4449

Background



This preview shows how black text looks on a background with the XYZ color 40.0977, 37.4922, 65.4449.



This preview shows how white text looks on a background with the XYZ color 40.0977, 37.4922,

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

40.0977, 37.4922, 65.4449

Protanopia

38.0563, 37.6739, 68.2168

Deuteranopia

38.4060, 37.6638, 64.9201



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

40.0977, 37.4922, 65.4449

Protanomaly

38.7291, 37.5123, 67.4867

Deuteranomaly

39.0303, 37.7252, 64.8991

Tritanomaly

37.6227, 37.5141, 53.4021

Monochromacy



Original Color

40.0977, 37.4922, 65.4449

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8674, 38.2531, 49.6437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0977, 37.4922, 65.4449 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(169, 158, 209)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 209)  
}
```

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(169, 158, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 209) }
```

Border

The CSS property to change the border of an element to XYZ 40.0977, 37.4922, 65.4449 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(169, 158, 209) }
```


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

```
.border{ border-color:rgb(169, 158, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 209);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0977, 37.4922, 65.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 209) }
```

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

```
.background{ background-color: rgb(169,  
158, 209) }
```

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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