

Converting Colors

XYZ(42.0770, 39.8705, 65.2042)

Have a look what the booklet for
XYZ(42.0770, 39.8705, 65.2042)
contains.

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Color

**XYZ(41.9379, 39.7471,
65.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3D0
RGB	174, 163, 208
RGB Percent	68%, 64%, 82%
CMY	0.3176, 0.3608, 0.1843
CMYK	0.16, 0.22, 0.00, 0.18
HSL	255°, 32%, 73%
HSV	255°, 22%, 82%
XYZ	41.9379, 39.7471, 65.1361
YIQ	171.4190, -7.8890, 16.3270

Conversions

Conversions Part 2

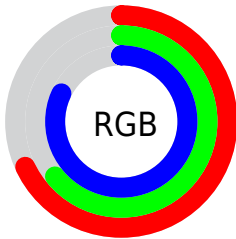
Format	Color
RYB	174, 163, 208
Decimal	11445200
CIELab	69.29, 13.03, -21.47
CIELCh	69, 25.112, 301.244
Yxy	39.7471, 0.2856, 0.2707
Android (android.graphics.Color)	4289635280 (0xFFAEA3D0)
YUV	171.4190, 18.0344, 2.2635
Hunter-Lab	63.0453, 8.4094, -17.1245

Details

The XYZ color **41.9379, 39.7471, 65.1361** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.1940, 59.6274, 43.4104**, and the grayscale version is **38.8353, 40.8578, 44.4941**.

A 20% lighter version of the original color is **75.7545, 74.1858, 104.9343**, and **19.4023, 17.7669, 32.9786** is the 20% darker color. If you saturate the color by 10%, you get **35.2455, 31.2589, 63.8511**, and if you desaturate by 10%, it is **49.6499, 49.6645, 66.6445**.

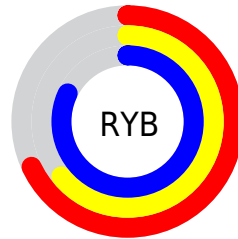
Distribution



Red (68%)

Green (64%)

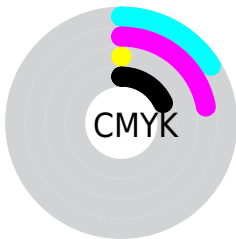
Blue (82%)



Red (68%)

Yellow (64%)

Blue (82%)

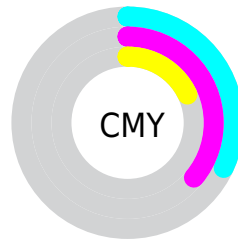


Cyan (16%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9379, 39.7471, 65.1361 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 41.9379, 39.7471, 65.1361 by changing the saturation by 10% instead.

■ 41.9379, 39.7471,
65.1361

■ 41.9379, 39.7471,
65.1361

345.2215,
345.0565, 461.6005

■ 29.2436, 27.3414,
47.1194

■ 77.3714, 74.7783,
113.8607

■ 19.4104, 17.8298,
32.7750

■ 100.8412, 98.1725,
145.4056

■ 12.0729, 10.8279,
21.6845

128.6337,
125.9984, 182.2970

■ 6.8659, 5.9512,
13.4291

161.1140,
158.6404, 224.9535

■ 3.4240, 2.8154,
7.5905

198.6476,
196.4828, 273.7935

■ 1.3817, 1.0361,
3.7501

241.5998,

■ 0.2432, 0.0000,

239.9100, 329.2357

1.4893

290.3359,
289.3064, 391.6985

■ 0.0000, 0.0000,
0.2099

■ 0.0000, 0.0000,
0.0000

■ 41.9379, 39.7471,
65.1361

■ 41.9379, 39.7471,
65.1361

■ 35.2455, 31.2589,
63.8511

■ 49.6499, 49.6645,
66.6445

■ 29.5252, 24.1285,
62.7763

■ 58.4188, 61.0685,
68.3835

■ 24.7312, 18.2855,
61.9011

■ 68.2845, 74.0190,
70.3633

■ 20.8124, 13.6511,
61.2131

■ 79.2837, 88.5715,
72.5925

■ 17.7126, 10.1379,
60.6984

■ 87.5015, 96.8785,
73.7627

■ 15.3683, 7.6460,
60.3410

■ 88.3853, 97.3341,
73.8041

■ 13.7057, 6.0573,
60.1219

■ 12.7425, 5.2538,
60.0176

Harmonies

Analogous

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



37.9468, 39.7471, 69.4441



41.9379, 39.7471, 65.1361



44.9800, 39.7471, 54.8444

Triad

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



41.9379, 39.7471, 65.1361



41.6265, 39.7471, 26.6052



30.5551, 39.7471, 43.7611

Complementary

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



41.9379, 39.7471, 65.1361



52.1940, 59.6274, 43.4104

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.



31.3898, 39.7471, 33.4638



41.9379, 39.7471, 65.1361



37.6106, 39.7471, 24.6805

Square

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



41.9379, 39.7471, 65.1361



44.7914, 39.7471, 32.7662



33.9035, 39.7471, 26.9548



31.5386, 39.7471, 55.8267

Rectangle

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



41.9379, 39.7471, 65.1361



45.9581, 39.7471, 46.7414



33.9035, 39.7471, 26.9548



30.6319, 39.7471, 39.9898

Sweetspot

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



41.9392, 39.7487, 65.1370



86.2359, 88.4967, 107.1442



46.5707, 52.5017, 67.3545



18.2609, 18.6855, 22.8942



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.



41.9392, 39.7487, 65.1370



61.3338, 56.4519, 102.2714



47.2485, 42.4858, 65.3855



11.4305, 11.5552, 14.8716



8.0158, 3.3126, 37.4094



0.5216, 0.2231, 2.0951

Inverse Universe

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



49.1889, 43.6371, 58.6552



74.9228, 63.7461, 89.8580



46.8472, 56.8710, 43.1602



12.1821, 11.9576, 14.2349



20.0539, 9.8944, 20.9876



1.1516, 0.5653, 1.3329

Previews

White Background



This preview shows how the XYZ color 41.9379, 39.7471, 65.1361 looks on a white background.

Color Contrast Check

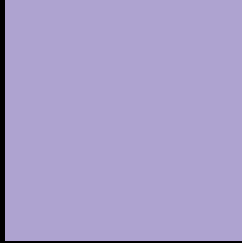
Large Text (above 18pt) WCAG AA × Fail

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 41.9379, 39.7471, 65.1361 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 41.9379, 39.7471, 65.1361

Background



This preview shows how black text looks on a background with the XYZ color 41.9379, 39.7471, 65.1361.



This preview shows how white text looks on a background with the XYZ color 41.9379, 39.7471,

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

41.9379, 39.7471, 65.1361

Protanopia

39.8747, 39.7115, 67.1915

Deuteranopia

40.6246, 39.8844, 64.5888



Tritanopia

38.7053, 39.7765, 49.3537

Trichromacy



Original Color

41.9379, 39.7471, 65.1361

Protanomaly

40.5789, 39.8181, 66.5197

Deuteranomaly

41.0798, 39.8503, 64.5582

Tritanomaly

39.8348, 39.6920, 54.8520

Monochromacy



Original Color

41.9379, 39.7471, 65.1361

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.6676, 40.2366, 51.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9379, 39.7471, 65.1361 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(174, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 208)  
}
```

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(174, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.9379, 39.7471, 65.1361 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(174, 163, 208) }
```


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

```
.border{ border-color:rgb(174, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9379, 39.7471, 65.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 208) }
```

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

```
.background{ background-color: rgb(174,  
163, 208) }
```

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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