

Converting Colors

XYZ(39.4460, 37.8547, 67.4583)

Have a look what the booklet for
XYZ(39.4460, 37.8547, 67.4583)
contains.

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Color

**XYZ(39.5288, 37.9246,
67.5241)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A1D4
RGB	162, 161, 212
RGB Percent	64%, 63%, 83%
CMY	0.3647, 0.3686, 0.1686
CMYK	0.24, 0.24, 0.00, 0.17
HSL	241°, 37%, 73%
HSV	241°, 24%, 83%
XYZ	39.5288, 37.9246, 67.5241
YIQ	167.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

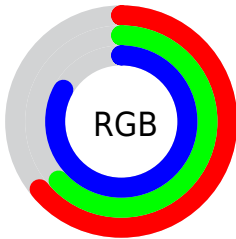
Format	Color
RYB	162, 161, 212
Decimal	10658260
CIELab	67.97, 11.30, -25.79
CIELCh	68, 28.154, 293.662
Yxy	37.9246, 0.2727, 0.2616
Android (android.graphics.Color)	4288848340 (0xFFA2A1D4)
YUV	167.1130, 22.1293, -4.4841
Hunter-Lab	61.5830, 6.8052, -21.9019

Details

The XYZ color **39.5288, 37.9246, 67.5241** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.8416, 63.5100, 42.9826**, and the grayscale version is **36.6877, 38.5983, 42.0336**.

A 20% lighter version of the original color is **71.5193, 71.2372, 104.5884**, and **17.9684, 16.8374, 34.2012** is the 20% darker color. If you saturate the color by 10%, you get **32.2547, 29.1341, 66.2114**, and if you desaturate by 10%, it is **48.1313, 48.3341, 69.0806**.

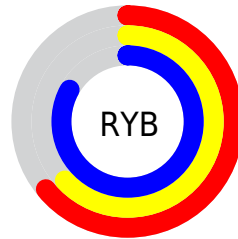
Distribution



Red (64%)

Green (63%)

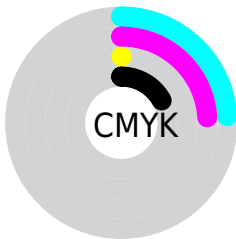
Blue (83%)



Red (64%)

Yellow (63%)

Blue (83%)

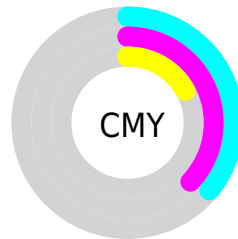


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (36%)

Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5288, 37.9246, 67.5241 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 39.5288, 37.9246, 67.5241 by changing the saturation by 10% instead.

■ 39.5288, 37.9246,
67.5241

■ 39.5288, 37.9246,
67.5241

335.3021,
337.2964, 470.3602

■ 27.3539, 25.9242,
49.0464

■ 73.7344, 71.9926,
117.3188

■ 17.9772, 16.7669,
34.2904

■ 96.4958, 94.8289,
149.4730

■ 11.0332, 10.0685,
22.8376

123.5167,
122.0459, 187.0230

■ 6.1566, 5.4444,
14.2695

155.1625,
154.0282, 230.3874

■ 2.9821, 2.5103,
8.1675

191.7987,
191.1599, 279.9848

■ 1.1443, 0.8818,
4.1130

233.7904,

■ 0.0617, 0.0000,

233.8256, 336.2337

1.6875

281.5031,
282.4097, 399.5527

■ 0.0000, 0.0000,
0.3522

■ 0.0000, 0.0000,
0.0000

■ 39.5288, 37.9246,
67.5241

■ 39.5288, 37.9246,
67.5241

■ 32.2547, 29.1341,
66.2114

■ 48.1313, 48.3341,
69.0806

■ 26.2394, 21.8770,
65.1277

■ 58.1199, 60.4333,
70.8895

■ 21.4125, 16.0669,
64.2606

■ 69.5533, 74.2944,
72.9623

■ 17.6953, 11.6068,
63.5956

■ 82.4857, 89.9838,
75.3091

■ 14.9996, 8.3881,
63.1164

■ 88.8838, 97.5335,
76.4291

■ 13.2237, 6.2851,
62.8041

■ 12.2451, 5.1460,
62.6358

■ 11.9357, 4.7803,
62.5816

Harmonies

Analogous

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



35.1254, 37.9246, 70.1646



39.5288, 37.9246, 67.5241



43.2560, 37.9246, 57.2775

Triad

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



39.5288, 37.9246, 67.5241



41.2642, 37.9246, 24.7681



28.3152, 37.9246, 38.6904

Complementary

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



39.5288, 37.9246, 67.5241



56.8416, 63.5100, 42.9826

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.



29.6856, 37.9246, 28.5996



39.5288, 37.9246, 67.5241



36.9829, 37.9246, 21.6788

Square

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



39.5288, 37.9246, 67.5241



44.3132, 37.9246, 32.3596



32.7744, 37.9246, 22.9241



28.8771, 37.9246, 51.7367

Rectangle

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



39.5288, 37.9246, 67.5241



44.7363, 37.9246, 48.4483



32.7744, 37.9246, 22.9241



28.5613, 37.9246, 34.8801

Sweetspot

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



39.5300, 37.9261, 67.5250



83.4697, 85.9659, 106.8015



49.9142, 58.9945, 71.0443



17.6632, 18.1546, 22.8232



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.



39.5300, 37.9261, 67.5250



53.9933, 50.2939, 101.4697



45.2091, 40.8538, 67.7907



11.7649, 12.0202, 15.6376



7.3783, 2.9561, 38.6349



0.4531, 0.1825, 2.3306

Inverse Universe

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



51.6553, 44.1914, 67.4367



75.5917, 61.4552, 101.2679



50.1424, 60.0564, 42.6691



12.9420, 12.6283, 15.6351



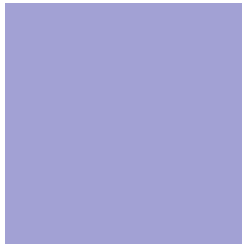
23.7837, 11.4498, 37.7605



1.4379, 0.6920, 2.2956

Previews

White Background



This preview shows how the XYZ color 39.5288, 37.9246, 67.5241 looks on a white background.

Color Contrast Check

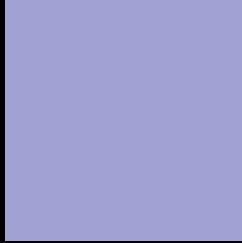
Large Text (above 18pt) WCAG AA × Fail

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 39.5288, 37.9246, 67.5241 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 39.5288, 37.9246, 67.5241

Background



This preview shows how black text looks on a background with the XYZ color 39.5288, 37.9246, 67.5241.



This preview shows how white text looks on a background with the XYZ color 39.5288, 37.9246,

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

39.5288, 37.9246, 67.5241

Protanopia

38.3620, 38.0814, 68.9469

Deuteranopia

38.8855, 38.1160, 67.5950



Tritanopia

35.7672, 38.0006, 48.6297

Trichromacy



Original Color

39.5288, 37.9246, 67.5241

Protanomaly

38.8177, 38.0664, 68.2524

Deuteranomaly

39.1021, 37.9651, 67.5544

Tritanomaly

37.0701, 37.9851, 55.2472

Monochromacy



Original Color

39.5288, 37.9246, 67.5241

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.5194, 38.3285, 50.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5288, 37.9246, 67.5241 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(162, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(162, 161, 212)  
}
```

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(162, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 161, 212) }
```

Border

The CSS property to change the border of an element to XYZ 39.5288, 37.9246, 67.5241 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(162, 161, 212) }
```


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

```
.border{ border-color:rgb(162, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(162, 161,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5288, 37.9246, 67.5241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 161, 212) }
```

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

```
.background{ background-color: rgb(162,  
161, 212) }
```

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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