

Converting Colors

XYZ(39.2345, 37.2547, 74.1249)

Have a look what the booklet for
XYZ(39.2345, 37.2547, 74.1249)
contains.

XYZ(39.2732, 37.3841, 74.2532)	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(39.2732, 37.3841,
74.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA0DE
RGB	155, 160, 222
RGB Percent	61%, 63%, 87%
CMY	0.3921, 0.3725, 0.1294
CMYK	0.30, 0.28, 0.00, 0.13
HSL	236°, 50%, 74%
HSV	236°, 30%, 87%
XYZ	39.2732, 37.3841, 74.2532
YIQ	165.5730, -22.8820, 18.2220

Conversions

Conversions Part 2

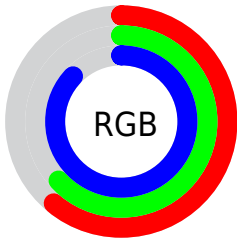
Format	Color
RYB	155, 160, 222
Decimal	10199262
CIELab	67.56, 12.22, -31.97
CIELCh	68, 34.222, 290.922
Yxy	37.3841, 0.2602, 0.2477
Android (android.graphics.Color)	4288389342 (0xFF9BA0DE)
YUV	165.5730, 27.8185, -9.2725
Hunter-Lab	61.1425, 7.6550, -29.2036

Details

The XYZ color **39.2732, 37.3841, 74.2532** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8542, 67.5226, 40.8375**, and the grayscale version is **35.9187, 37.7893, 41.1525**.

A 20% lighter version of the original color is **69.2144, 69.6698, 104.4074**, and **17.9232, 16.5521, 38.8094** is the 20% darker color. If you saturate the color by 10%, you get **32.1261, 28.8432, 72.9820**, and if you desaturate by 10%, it is **47.7945, 47.5086, 75.7589**.

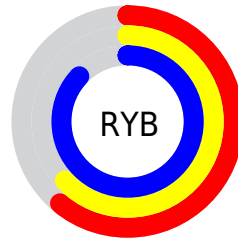
Distribution



Red (61%)

Green (63%)

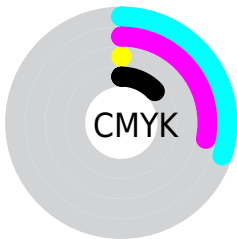
Blue (87%)



Red (61%)

Yellow (63%)

Blue (87%)

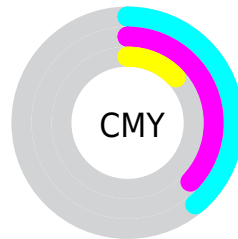


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (39%)

Magenta (37%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2732, 37.3841, 74.2532 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 39.2732, 37.3841, 74.2532 by changing the saturation by 10% instead.

■ 39.2732, 37.3841,
74.2532

■ 39.2732, 37.3841,
74.2532

334.2378,
334.9705, 494.5335

■ 27.1540, 25.5050,
54.5033

■ 73.3469, 71.1631,
126.9920

■ 17.8261, 16.4537,
38.6082

■ 96.0321, 93.8319,
160.8180

■ 10.9241, 9.8458,
26.1496

122.9700,
120.8660, 200.1730

■ 6.0828, 5.2968,
16.7088

154.5260,
152.6498, 245.4757

■ 2.9366, 2.4225,
9.8674

191.0654,
189.5678, 297.1446

■ 1.1203, 0.8374,
5.2066

232.9536,

■ 0.0420, 0.0000,

232.0043, 355.5981

2.3082

280.5560,
280.3437, 421.2549

■ 0.0000, 0.0000,
0.7358

■ 0.0000, 0.0000,
0.0000

■ 39.2732, 37.3841,
74.2532

■ 39.2732, 37.3841,
74.2532

■ 32.1261, 28.8432,
72.9820

■ 47.7945, 47.5086,
75.7589

■ 26.2775, 21.8016,
71.9311

■ 57.7529, 59.2865,
77.5075

■ 21.6504, 16.1738,
71.0887

■ 69.2117, 72.7888,
79.5097

■ 18.1577, 11.8639,
70.4409

■ 82.2297, 88.0812,
81.7753

■ 15.7011, 8.7642,
69.9720

■ 90.1849, 98.0540,
83.2810

■ 14.1651, 6.7495,
69.6641

■ 13.3788, 5.6616,
69.4956

Harmonies

Analogous

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



33.9584, 37.3841, 76.5901



39.2732, 37.3841, 74.2532



43.9887, 37.3841, 61.8634

Triad

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



39.2732, 37.3841, 74.2532



42.3068, 37.3841, 22.0850



26.4405, 37.3841, 36.2980

Complementary

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



39.2732, 37.3841, 74.2532



60.8542, 67.5226, 40.8375

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.



28.2360, 37.3841, 25.0218



39.2732, 37.3841, 74.2532



37.1545, 37.3841, 18.2557

Square

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



39.2732, 37.3841, 74.2532



45.8569, 37.3841, 31.2008



32.0371, 37.3841, 19.1785



26.8871, 37.3841, 51.9661

Rectangle

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



39.2732, 37.3841, 74.2532



45.9892, 37.3841, 50.9404



32.0371, 37.3841, 19.1785



26.7946, 37.3841, 31.9415

Sweetspot

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



39.2745, 37.3856, 74.2541



80.7003, 83.0948, 106.3933



52.0885, 64.1914, 74.8941



16.8111, 17.2403, 22.6916



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.



39.2745, 37.3856, 74.2541



47.5795, 43.7963, 100.5536



44.4160, 38.7750, 74.2513



13.0338, 13.4067, 17.2885



7.9771, 3.4238, 41.2888



0.5821, 0.2956, 2.8716

Inverse Universe

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



48.1918, 41.5116, 38.7317



61.6333, 50.4297, 44.5410



54.3082, 66.0903, 40.9061



13.7485, 13.7170, 14.4460



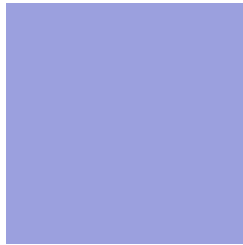
17.9667, 9.2537, 1.2244



1.2601, 0.6473, 0.1624

Previews

White Background



This preview shows how the XYZ color 39.2732, 37.3841, 74.2532 looks on a white background.

Color Contrast Check

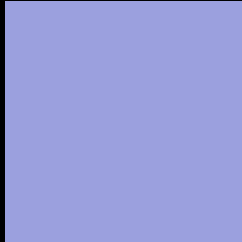
Large Text (above 18pt) WCAG AA × Fail

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 39.2732, 37.3841, 74.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

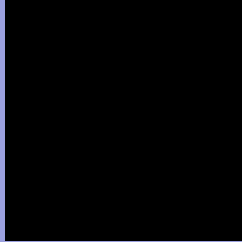
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2732, 37.3841, 74.2532

Background



This preview shows how black text looks on a background with the XYZ color 39.2732, 37.3841, 74.2532.



This preview shows how white text looks on a background with the XYZ color 39.2732, 37.3841,

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

39.2732, 37.3841, 74.2532

Protanopia

38.2289, 37.3335, 75.7122

Deuteranopia

38.3179, 37.4105, 74.3086



Tritanopia

34.1972, 37.4525, 49.1427

Trichromacy



Original Color

39.2732, 37.3841, 74.2532

Protanomaly

38.4586, 37.2070, 74.9667

Deuteranomaly

38.6922, 37.3430, 74.2759

Tritanomaly

35.8134, 37.2854, 57.5338

Monochromacy



Original Color

39.2732, 37.3841, 74.2532

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0387, 37.7775, 51.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2732, 37.3841, 74.2532 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(155, 160, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 222)  
}
```

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(155, 160, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.2732, 37.3841, 74.2532 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(155, 160, 222) }
```


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

```
.border{ border-color:rgb(155, 160, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 222);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2732, 37.3841, 74.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 222) }
```

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

```
.background{ background-color: rgb(155,  
160, 222) }
```

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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