

Converting Colors

XYZ(41.5496, 39.0141, 77.2968)

Have a look what the booklet for
XYZ(41.5496, 39.0141, 77.2968)
contains.

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Color

**XYZ(41.5481, 39.0130,
77.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A2E2
RGB	162, 162, 226
RGB Percent	64%, 64%, 89%
CMY	0.3647, 0.3647, 0.1137
CMYK	0.28, 0.28, 0.00, 0.11
HSL	240°, 52%, 76%
HSV	240°, 28%, 89%
XYZ	41.5481, 39.0130, 77.2920
YIQ	169.2960, -20.5440, 19.9040

Conversions

Conversions Part 2

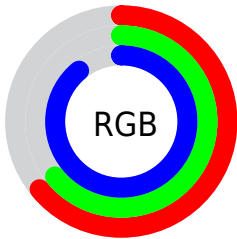
Format	Color
RYB	162, 162, 226
Decimal	10658530
CIELab	68.76, 14.12, -32.27
CIELCh	69, 35.225, 293.630
Yxy	39.0130, 0.2632, 0.2471
Android (android.graphics.Color)	4288848610 (0xFFA2A2E2)
YUV	169.2960, 27.9551, -6.3986
Hunter-Lab	62.4604, 9.4310, -29.6465

Details

The XYZ color **41.5481, 39.0130, 77.2920** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.0828, 73.1709, 44.8770**, and the grayscale version is **37.7328, 39.6979, 43.2310**.

A 20% lighter version of the original color is **71.7763, 71.7511, 104.6741**, and **19.1383, 17.3054, 40.3618** is the 20% darker color. If you saturate the color by 10%, you get **33.7336, 29.5970, 75.8871**, and if you desaturate by 10%, it is **50.9057, 50.2882, 78.9758**.

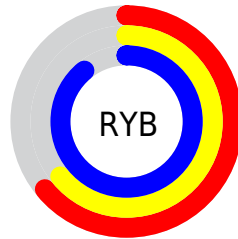
Distribution



Red (64%)

Green (64%)

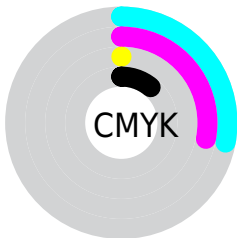
Blue (89%)



Red (64%)

Yellow (64%)

Blue (89%)

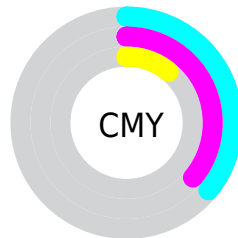


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5481, 39.0130, 77.2920 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 41.5481, 39.0130, 77.2920 by changing the saturation by 10% instead.

■ 41.5481, 39.0130,
77.2920

■ 41.5481, 39.0130,
77.2920

343.6298,
341.9458, 505.2231

■ 28.9372, 26.7698,
56.9796

■ 76.7847, 73.6582,
131.3284

■ 19.1773, 17.4004,
40.5796

■ 100.1411, 96.8290,
165.8894

■ 11.9033, 10.5204,
27.6735

127.8100,
124.4111, 206.0370

■ 6.7496, 5.7453,
17.8428

160.1568,
156.7890, 252.1898

■ 3.3509, 2.6909,
10.6689

197.5468,
194.3470, 304.7662

■ 1.3419, 0.9726,
5.7333

240.3454,

■ 0.2143, 0.0000,

237.4696, 364.1849

2.6174

288.9179,
286.5410, 430.8643

■ 0.0000, 0.0000,
0.9014

■ 0.0000, 0.0000,
0.0000

■ 41.5481, 39.0130,
77.2920

■ 41.5481, 39.0130,
77.2920

■ 33.7336, 29.5970,
75.8871

■ 50.9057, 50.2882,
78.9758

■ 27.3756, 21.9360,
74.7435

■ 61.8787, 63.5100,
80.9495

■ 22.3853, 15.9230,
73.8459

■ 74.5398, 78.7658,
83.2269

■ 18.6623, 11.4371,
73.1762

■ 88.9560, 96.1364,
85.8199

■ 16.0928, 8.3409,
72.7140

■ 90.7276, 98.2710,
86.1386

■ 14.5423, 6.4728,
72.4351

■ 13.8165, 5.5981,
72.3046

■ 13.7276, 5.4911,
72.2886

Harmonies

Analogous

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



35.9034, 39.0130, 80.9029



41.5481, 39.0130, 77.2920



46.4048, 39.0130, 63.4213

Triad

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



41.5481, 39.0130, 77.2920



43.8114, 39.0130, 22.2348



27.4101, 39.0130, 39.1609

Complementary

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



41.5481, 39.0130, 77.2920



65.0828, 73.1709, 44.8770

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.



29.0975, 39.0130, 26.7430



41.5481, 39.0130, 77.2920



38.2834, 39.0130, 18.6800

Square

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



41.5481, 39.0130, 77.2920



47.8004, 39.0130, 31.3174



32.9456, 39.0130, 20.0940



28.0969, 39.0130, 56.0188

Rectangle

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



41.5481, 39.0130, 77.2920



48.3528, 39.0130, 51.7372



32.9456, 39.0130, 20.0940



27.7126, 39.0130, 34.3961

Sweetspot

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



41.5494, 39.0145, 77.2929



81.7730, 84.0020, 106.5119



55.6792, 67.5076, 81.2829



17.0031, 17.3778, 22.7080



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.



41.5494, 39.0145, 77.2929



48.3205, 43.6940, 100.4948



48.6243, 42.6618, 77.6240



12.9521, 13.2433, 17.2613



7.8315, 3.1326, 41.2402



0.5428, 0.2171, 2.8585

Inverse Universe

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



50.8071, 44.6194, 40.1185



62.3940, 52.2145, 43.9825



56.2419, 68.6133, 44.4633



13.7073, 13.7006, 14.2288



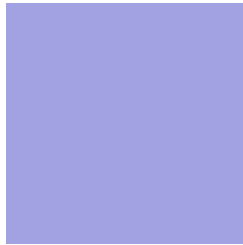
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0580

Previews

White Background



This preview shows how the XYZ color 41.5481, 39.0130, 77.2920 looks on a white background.

Color Contrast Check

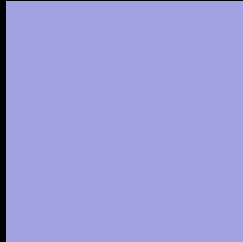
Large Text (above 18pt) WCAG AA × Fail

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 41.5481, 39.0130, 77.2920 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 41.5481, 39.0130, 77.2920

Background



This preview shows how black text looks on a background with the XYZ color 41.5481, 39.0130, 77.2920.



This preview shows how white text looks on a background with the XYZ color 41.5481, 39.0130,

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

41.5481, 39.0130, 77.2920

Protanopia

39.9924, 38.9570, 79.5404

Deuteranopia

39.9946, 39.0219, 76.6582



Tritanopia

36.1633, 38.9824, 50.9658

Trichromacy



Original Color

41.5481, 39.0130, 77.2920

Protanomaly

40.6055, 39.0224, 78.7907

Deuteranomaly

40.5764, 39.0551, 76.6339

Tritanomaly

37.8378, 38.8289, 59.5333

Monochromacy



Original Color

41.5481, 39.0130, 77.2920

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6564, 39.0971, 54.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5481, 39.0130, 77.2920 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, 162, 226)` looks like.

```
.text, #text, p{  
    color:rgb(162, 162, 226)  
}
```

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, 162, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 162, 226) }
```

Border

The CSS property to change the border of an element to XYZ 41.5481, 39.0130, 77.2920 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, 162, 226) }
```


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

```
.border{ border-color:rgb(162, 162, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 162, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 162, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 162, 226); box-shadow:4px 4px 4px 4px rgb(162, 162, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5481, 39.0130, 77.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 162, 226) }
```

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

```
.background{ background-color: rgb(162,  
162, 226) }
```

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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