

Converting Colors

XYZ(41.5240, 39.3407, 78.0812)

Have a look what the booklet for
XYZ(41.5240, 39.3407, 78.0812)
contains.

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Color

**XYZ(41.4595, 39.2140,
78.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A3E3
RGB	160, 163, 227
RGB Percent	63%, 64%, 89%
CMY	0.3725, 0.3608, 0.1098
CMYK	0.30, 0.28, 0.00, 0.11
HSL	237°, 54%, 76%
HSV	237°, 30%, 89%
XYZ	41.4595, 39.2140, 78.0570
YIQ	169.3990, -22.3320, 19.2680

Conversions

Conversions Part 2

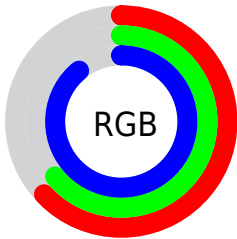
Format	Color
RYB	160, 163, 227
Decimal	10527715
CIELab	68.91, 13.22, -32.61
CIElCh	69, 35.187, 292.073
Yxy	39.2140, 0.2612, 0.2470
Android (android.graphics.Color)	4288717795 (0xFFA0A3E3)
YUV	169.3990, 28.3973, -8.2429
Hunter-Lab	62.6211, 8.5925, -30.0701

Details

The XYZ color **41.4595, 39.2140, 78.0570** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.6801, 72.1809, 43.7823**, and the grayscale version is **37.7823, 39.7499, 43.2877**.

A 20% lighter version of the original color is **71.4403, 71.9617, 104.7324**, and **19.0985, 17.4350, 40.8868** is the 20% darker color. If you saturate the color by 10%, you get **33.8036, 30.0343, 76.6893**, and if you desaturate by 10%, it is **50.6066, 50.1440, 79.6853**.

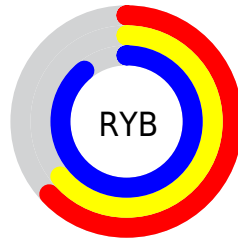
Distribution



Red (63%)

Green (64%)

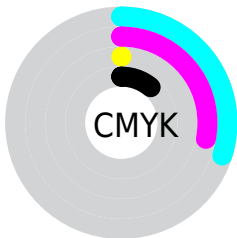
Blue (89%)



Red (63%)

Yellow (64%)

Blue (89%)

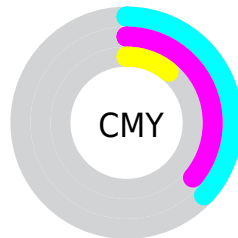


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4595, 39.2140, 78.0570 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 41.4595, 39.2140, 78.0570 by changing the saturation by 10% instead.

■ 41.4595, 39.2140,
78.0570

■ 41.4595, 39.2140,
78.0570

343.2673,
342.7995, 507.8934

■ 28.8676, 26.9262,
57.6041

■ 76.6513, 73.9651,
132.4171

■ 19.1244, 17.5178,
41.0778

■ 99.9818, 97.1973,
167.1613

■ 11.8648, 10.6044,
28.0598

127.6225,
124.8464, 207.5064

■ 6.7232, 5.8015,
18.1313

159.9389,
157.2968, 253.8708

■ 3.3344, 2.7247,
10.8739

197.2962,
194.9329, 306.6732

■ 1.3330, 0.9898,
5.8690

240.0598,

■ 0.2077, 0.0000,

238.1391, 366.3321

2.6981

288.5950,
287.2998, 433.2660

■ 0.0000, 0.0000,
0.9425

■ 0.0000, 0.0000,
0.0000

■ 41.4595, 39.2140,
78.0570

■ 41.4595, 39.2140,
78.0570

■ 33.8036, 30.0343,
76.6893

■ 50.6066, 50.1440,
79.6853

■ 27.5562, 22.5097,
75.5662

■ 61.3140, 62.9038,
81.5838

■ 22.6324, 16.5429,
74.6740

■ 73.6512, 77.5734,
83.7651

■ 18.9369, 12.0248,
73.9967

■ 87.6822, 94.2269,
86.2401

■ 16.3613, 8.8319,
73.5162

■ 90.8653, 98.3261,
86.8635

■ 14.7784, 6.8202,
73.2113

■ 14.0013, 5.7976,
73.0549

■ 13.9756, 5.7668,
73.0503

Harmonies

Analogous

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



35.8088, 39.2140, 81.0282



41.4595, 39.2140, 78.0570



46.4112, 39.2140, 64.5554

Triad

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



41.4595, 39.2140, 78.0570



44.2778, 39.2140, 22.7247



27.6056, 39.2140, 38.5907

Complementary

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



41.4595, 39.2140, 78.0570



64.6801, 72.1809, 43.7823

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.



29.4185, 39.2140, 26.4311



41.4595, 39.2140, 78.0570



38.7740, 39.2140, 18.8863

Square

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



41.4595, 39.2140, 78.0570



48.1484, 39.2140, 32.1407



33.3759, 39.2140, 20.0487



28.1704, 39.2140, 55.3444

Rectangle

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



41.4595, 39.2140, 78.0570



48.4647, 39.2140, 52.8925



33.3759, 39.2140, 20.0487



27.9502, 39.2140, 33.9045

Sweetspot

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



41.4608, 39.2155, 78.0579



80.5059, 82.7060, 106.3285



55.3744, 67.7755, 80.4366



16.7637, 17.1456, 22.6758



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.



41.4608, 39.2155, 78.0579



48.0508, 43.9546, 100.5593



47.7098, 41.6555, 78.1995



13.6343, 13.9901, 18.1261



8.1730, 3.4080, 42.6102



0.6223, 0.2886, 3.1549

Inverse Universe

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



50.8613, 44.1181, 40.4868



62.0626, 51.3343, 44.5422



56.8020, 69.3272, 43.6468



14.4030, 14.3784, 15.0567



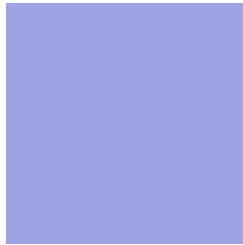
18.5188, 9.5418, 1.0952



1.3778, 0.7088, 0.1298

Previews

White Background



This preview shows how the XYZ color 41.4595, 39.2140, 78.0570 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 41.4595, 39.2140, 78.0570 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 41.4595, 39.2140, 78.0570

Background



This preview shows how black text looks on a background with the XYZ color 41.4595, 39.2140, 78.0570.



This preview shows how white text looks on a background with the XYZ color 41.4595, 39.2140,

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

41.4595, 39.2140, 78.0570

Protanopia

40.1735, 39.3191, 79.6007

Deuteranopia

40.3126, 39.4388, 77.4393



Tritanopia

36.0824, 39.2079, 51.5651

Trichromacy



Original Color

41.4595, 39.2140, 78.0570

Protanomaly

40.5956, 39.2840, 78.8417

Deuteranomaly

40.7002, 39.3698, 77.4055

Tritanomaly

37.7544, 39.0454, 60.1902

Monochromacy



Original Color

41.4595, 39.2140, 78.0570

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8389, 39.4621, 54.2851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4595, 39.2140, 78.0570 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(160, 163, 227)` looks like.

```
.text, #text, p{  
    color:rgb(160, 163, 227)  
}
```

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(160, 163, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 227) }
```

Border

The CSS property to change the border of an element to XYZ 41.4595, 39.2140, 78.0570 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(160, 163, 227) }
```


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

```
.border{ border-color:rgb(160, 163, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 163, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 227);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4595, 39.2140, 78.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 227) }
```

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

```
.background{ background-color: rgb(160,  
163, 227) }
```

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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