

Converting Colors

XYZ(41.5707, 40.8905, 78.3747)

Have a look what the booklet for
XYZ(41.5707, 40.8905, 78.3747)
contains.

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Color

**XYZ(41.5707, 40.8905,
78.3747)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA9E3
RGB	155, 169, 227
RGB Percent	61%, 66%, 89%
CMY	0.3921, 0.3372, 0.1098
CMYK	0.32, 0.26, 0.00, 0.11
HSL	228°, 56%, 75%
HSV	228°, 32%, 89%
XYZ	41.5707, 40.8905, 78.3747
YIQ	171.4260, -26.9620, 15.0700

Conversions

Conversions Part 2

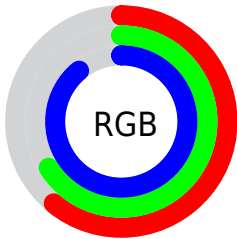
Format	Color
R_{YB}	155, 167, 227
Decimal	10201571
CIE _{Lab}	70.10, 8.42, -30.79
CIE _{LCh}	70, 31.924, 285.291
Yxy	40.8905, 0.2585, 0.2542
Android (android.graphics.Color)	4288391651 (0xFF9BA9E3)
YUV	171.4260, 27.3980, -14.4056
Hunter-Lab	63.9457, 4.1368, -27.9065

Details

The XYZ color **41.5707, 40.8905, 78.3747** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.3902, 66.2871, 40.5710**, and the grayscale version is **38.8001, 40.8208, 44.4538**.

A 20% lighter version of the original color is **71.5696, 74.3802, 105.1924**, and **19.1915, 18.4876, 41.0850** is the 20% darker color. If you saturate the color by 10%, you get **34.4496, 32.5183, 77.1347**, and if you desaturate by 10%, it is **49.9892, 50.6396, 79.8135**.

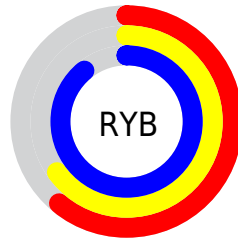
Distribution



Red (61%)

Green (66%)

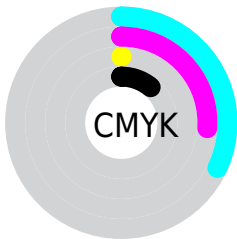
Blue (89%)



Red (61%)

Yellow (65%)

Blue (89%)

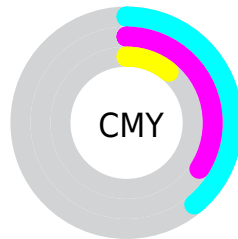


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5707, 40.8905, 78.3747 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 41.5707, 40.8905, 78.3747 by changing the saturation by 10% instead.

■ 41.5707, 40.8905,
78.3747

■ 41.5707, 40.8905,
78.3747

343.7222,
349.8628, 509.0000

■ 28.9549, 28.2335,
57.8636

■ 76.8187, 76.5176,
132.8689

■ 19.1908, 18.5018,
41.2850

■ 100.1817,
100.2566, 167.6890

■ 11.9131, 11.3108,
28.2205

127.8578,
128.4584, 208.1158

■ 6.7563, 6.2763,
18.2514

160.2123,
161.5073, 254.5679

■ 3.3551, 3.0138,
10.9593

197.6107,
199.7878, 307.4639

■ 1.3442, 1.1389,
5.9257

240.4182,

■ 0.2160, 0.0110,

243.6843, 367.2222

2.7319

289.0003,
293.5811, 434.2614

■ 0.0000, 0.0000,
0.9594

■ 0.0000, 0.0000,
0.0000

■ 41.5707, 40.8905,
78.3747

■ 41.5707, 40.8905,
78.3747

■ 34.4496, 32.5183,
77.1347

■ 49.9892, 50.6396,
79.8135

■ 28.5562, 25.4553,
76.0821

■ 59.7619, 61.8196,
81.4564

■ 23.8203, 19.6349,
75.2082

■ 70.9472, 74.4876,
83.3120

■ 20.1628, 14.9828,
74.5030

■ 83.5988, 88.6959,
85.3877

■ 17.4940, 11.4161,
73.9553

■ 90.8653, 98.3261,
86.8635

■ 15.7087, 8.8400,
73.5521

■ 14.7711, 7.3578,
73.3155

Harmonies

Analogous

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



36.3738, 40.8905, 78.4849



41.5707, 40.8905, 78.3747



46.4378, 40.8905, 67.9415

Triad

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



41.5707, 40.8905, 78.3747



46.3566, 40.8905, 27.0700



29.9491, 40.8905, 37.6206

Complementary

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



41.5707, 40.8905, 78.3747



61.3902, 66.2871, 40.5710

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.



32.1641, 40.8905, 27.2184



41.5707, 40.8905, 78.3747



41.4678, 40.8905, 22.1184

Square

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



41.5707, 40.8905, 78.3747



49.3646, 40.8905, 37.3691



36.2797, 40.8905, 22.1658



29.9712, 40.8905, 52.5358

Rectangle

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



41.5707, 40.8905, 78.3747



48.7070, 40.8905, 57.6412



36.2797, 40.8905, 22.1658



30.4473, 40.8905, 33.5630

Sweetspot

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



41.5721, 40.8921, 78.3757



80.0764, 83.0673, 106.4209



52.9473, 66.6915, 72.7681



16.7217, 17.3047, 22.7088



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.



41.5721, 40.8921, 78.3757



47.8808, 45.9204, 100.9477



43.6283, 38.2906, 77.7651



13.8086, 14.3385, 18.1842



8.6787, 4.4194, 42.7788



0.7052, 0.4543, 3.1825

Inverse Universe

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



50.5625, 42.6396, 43.1029



61.4139, 48.9198, 47.7700



58.6739, 70.3418, 41.4968



14.4910, 14.4136, 15.5198



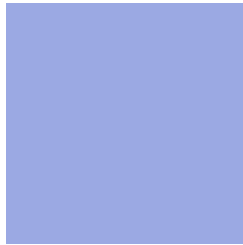
18.7741, 9.6439, 2.4394



1.4196, 0.7255, 0.3500

Previews

White Background



This preview shows how the XYZ color 41.5707, 40.8905, 78.3747 looks on a white background.

Color Contrast Check

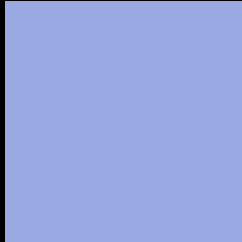
Large Text (above 18pt) WCAG AA × Fail

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 41.5707, 40.8905, 78.3747 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 41.5707, 40.8905, 78.3747

Background



This preview shows how black text looks on a background with the XYZ color 41.5707, 40.8905, 78.3747.



This preview shows how white text looks on a background with the XYZ color 41.5707, 40.8905,

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

41.5707, 40.8905, 78.3747

Protanopia

41.5707, 40.8905, 78.3747

Deuteranopia

41.7724, 40.7194, 78.3310



Tritanopia

36.8522, 40.9714, 54.6812

Trichromacy



Original Color

41.5707, 40.8905, 78.3747

Protanomaly

41.5707, 40.8905, 78.3747

Deuteranomaly

41.5781, 40.6192, 78.3219

Tritanomaly

38.3007, 40.6830, 62.3338

Monochromacy



Original Color

41.5707, 40.8905, 78.3747

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2957, 40.5104, 55.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5707, 40.8905, 78.3747 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, 169, 227)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 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(155, 169, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 227) }
```

Border

The CSS property to change the border of an element to XYZ 41.5707, 40.8905, 78.3747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

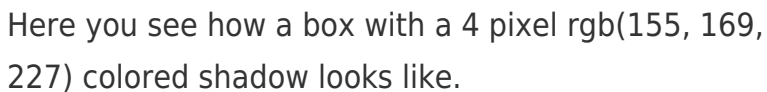
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 169, 227) }
```


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

```
.border{ border-color:rgb(155, 169, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 169, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 169, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 169, 227); box-shadow:4px 4px 4px 4px rgb(155, 169, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5707, 40.8905, 78.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 227) }
```

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

```
.background{ background-color: rgb(155,  
169, 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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