

Converting Colors

XYZ(44.3085, 41.1015, 83.4411)

Have a look what the booklet for
XYZ(44.3085, 41.1015, 83.4411)
contains.

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Color

**XYZ(44.2428, 41.0663,
83.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A5EA
RGB	167, 165, 234
RGB Percent	65%, 65%, 92%
CMY	0.3451, 0.3529, 0.0823
CMYK	0.29, 0.29, 0.00, 0.08
HSL	242°, 62%, 78%
HSV	242°, 29%, 92%
XYZ	44.2428, 41.0663, 83.4366
YIQ	173.4640, -20.9570, 21.8830

Conversions

Conversions Part 2

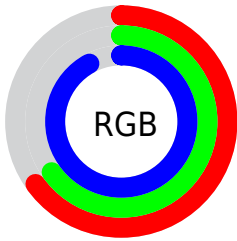
Format	Color
RYB	167, 165, 234
Decimal	10986986
CIELab	70.22, 15.85, -34.36
CIElCh	70, 37.840, 294.766
Yxy	41.0663, 0.2622, 0.2434
Android (android.graphics.Color)	4289177066 (0xFFA7A5EA)
YUV	173.4640, 29.8442, -5.6689
Hunter-Lab	64.0830, 11.0909, -32.3380

Details

The XYZ color **44.2428, 41.0663, 83.4366** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.4940, 78.7189, 47.1305**, and the grayscale version is **39.8185, 41.8921, 45.6205**.

A 20% lighter version of the original color is **74.0746, 74.0944, 105.0052**, and **20.7511, 18.5353, 44.6035** is the 20% darker color. If you saturate the color by 10%, you get **36.0163, 31.1234, 81.9517**, and if you desaturate by 10%, it is **54.0876, 52.9914, 85.2202**.

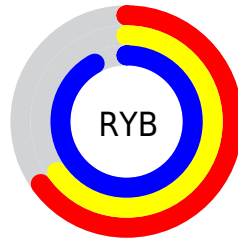
Distribution



Red (65%)

Green (65%)

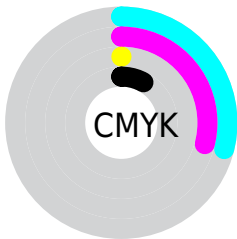
Blue (92%)



Red (65%)

Yellow (65%)

Blue (92%)

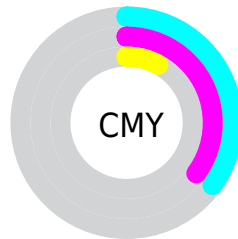


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2428, 41.0663, 83.4366 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 44.2428, 41.0663, 83.4366 by changing the saturation by 10% instead.

■ 44.2428, 41.0663,
83.4366

■ 44.2428, 41.0663,
83.4366

354.5337,
350.5976, 526.4495

■ 31.0602, 28.3709,
62.0077

■ 80.8271, 76.7845,
140.0415

■ 20.7967, 18.6054,
44.6031

■ 104.9594,
100.5761, 176.0545

■ 13.0871, 11.3855,
30.8042

133.4723,
128.8353, 217.7661

■ 7.5660, 6.3268,
20.1926

166.7312,
161.9463, 265.5946

■ 3.8680, 3.0448,
12.3497

205.1015,
200.2937, 319.9586

■ 1.6277, 1.1552,
6.8569

248.9484,

■ 0.4104, 0.0246,

244.2618, 381.2768

3.2957

298.6373,
294.2350, 449.9676

■ 0.0000, 0.0000,
1.2475

■ 0.0000, 0.0000,
0.0182

■ 44.2428, 41.0663,
83.4366

■ 44.2428, 41.0663,
83.4366

■ 36.0163, 31.1234,
81.9517

■ 54.0876, 52.9914,
85.2202

■ 29.3176, 23.0508,
80.7466

■ 65.6262, 66.9930,
87.3146

■ 24.0538, 16.7331,
79.8046

■ 78.9348, 83.1648,
89.7347

■ 20.1201, 12.0397,
79.1060

■ 91.8514, 98.7206,
92.0565

■ 17.3975, 8.8223,
78.6285

■ 15.7459, 6.9052,
78.3455

■ 14.9640, 6.0180,
78.2155

■ 14.9363, 5.9843,
78.2104

Harmonies

Analogous

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



37.9548, 41.0663, 88.0637



44.2428, 41.0663, 83.4366



49.6028, 41.0663, 67.4472

Triad

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



44.2428, 41.0663, 83.4366



46.3224, 41.0663, 22.2213



28.3227, 41.0663, 41.6713

Complementary

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



44.2428, 41.0663, 83.4366



69.4940, 78.7189, 47.1305

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.



30.0815, 41.0663, 27.7667



44.2428, 41.0663, 83.4366



40.1300, 41.0663, 18.6025

Square

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



44.2428, 41.0663, 83.4366



50.8898, 41.0663, 31.8815



34.2478, 41.0663, 20.3238



29.1765, 41.0663, 60.5974

Rectangle

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



44.2428, 41.0663, 83.4366



51.7028, 41.0663, 54.2995



34.2478, 41.0663, 20.3238



28.6219, 41.0663, 36.3290

Sweetspot

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



44.2442, 41.0679, 83.4376



80.4321, 82.2371, 106.2419



59.4659, 72.1337, 88.6316



16.7457, 17.0314, 22.6547



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.



44.2442, 41.0679, 83.4376



47.8611, 42.7635, 100.3394



52.3011, 45.2214, 83.8146



14.2716, 14.5697, 18.9823



8.4113, 3.3721, 43.9505



0.6748, 0.2721, 3.4518

Inverse Universe

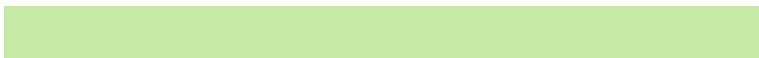
The Inverse Universe completely reimagines the original color for something new.



61.9534, 50.2303, 82.7748



72.4671, 55.4961, 99.3315



59.5966, 73.6166, 46.6673



15.6949, 15.3058, 18.9444



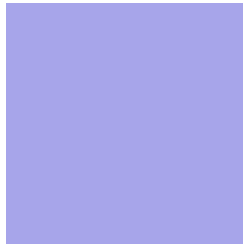
26.8847, 12.9566, 42.0557



2.1171, 1.0198, 3.3338

Previews

White Background



This preview shows how the XYZ color 44.2428, 41.0663, 83.4366 looks on a white background.

Color Contrast Check

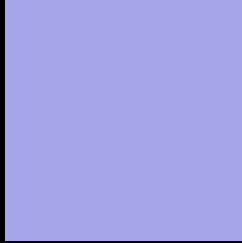
Large Text (above 18pt) WCAG AA × Fail

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 44.2428, 41.0663, 83.4366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

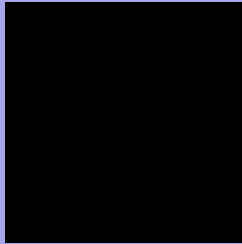
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2428, 41.0663, 83.4366

Background



This preview shows how black text looks on a background with the XYZ color 44.2428, 41.0663, 83.4366.



This preview shows how white text looks on a background with the XYZ color 44.2428, 41.0663,

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

44.2428, 41.0663, 83.4366

Protanopia

42.2365, 41.0697, 85.8219

Deuteranopia

42.0328, 41.0314, 82.7953



Tritanopia

38.3137, 41.1720, 53.5046

Trichromacy



Original Color

44.2428, 41.0663, 83.4366

Protanomaly

43.0476, 41.2295, 85.0461

Deuteranomaly

42.8112, 41.1576, 82.7786

Tritanomaly

40.2803, 41.1107, 63.5698

Monochromacy



Original Color

44.2428, 41.0663, 83.4366

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.0196, 41.3475, 57.4487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2428, 41.0663, 83.4366 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(167, 165, 234)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 234)  
}
```

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(167, 165, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 234) }
```

Border

The CSS property to change the border of an element to XYZ 44.2428, 41.0663, 83.4366 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(167, 165, 234) }
```


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

```
.border{ border-color:rgb(167, 165, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 234);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2428, 41.0663, 83.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 234) }
```

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

```
.background{ background-color: rgb(167,  
165, 234) }
```

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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