

Converting Colors

XYZ(43.2245, 40.7375, 84.4034)

Have a look what the booklet for
XYZ(43.2245, 40.7375, 84.4034)
contains.

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Color

**XYZ(43.1288, 40.7442,
84.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A6EB
RGB	160, 166, 235
RGB Percent	63%, 65%, 92%
CMY	0.3725, 0.3490, 0.0784
CMYK	0.32, 0.29, 0.00, 0.08
HSL	235°, 65%, 77%
HSV	235°, 32%, 92%
XYZ	43.1288, 40.7442, 84.1885
YIQ	172.0720, -25.7250, 20.1870

Conversions

Conversions Part 2

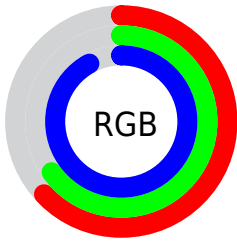
Format	Color
RYB	160, 166, 235
Decimal	10528491
CIELab	70.00, 13.55, -35.30
CIELCh	70, 37.807, 290.995
Yxy	40.7442, 0.2566, 0.2424
Android (android.graphics.Color)	4288718571 (0xFFA0A6EB)
YUV	172.0720, 31.0235, -10.5871
Hunter-Lab	63.8312, 8.9025, -33.5172

Details

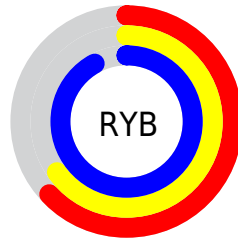
The XYZ color **43.1288, 40.7442, 84.1885** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.6262, 76.2395, 44.3579**, and the grayscale version is **39.1076, 41.1442, 44.8060**.

A 20% lighter version of the original color is **72.2254, 73.5318, 104.9941**, and **20.0979, 18.3535, 45.1311** is the 20% darker color. If you saturate the color by 10%, you get **35.2622, 31.3375, 82.7882**, and if you desaturate by 10%, it is **52.5468, 51.9330, 85.8525**.

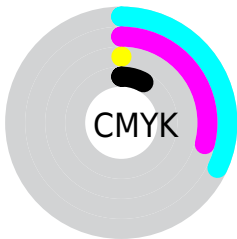
Distribution



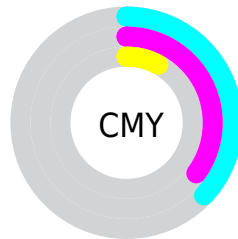
- Red (63%)
- Green (65%)
- Blue (92%)



- Red (63%)
- Yellow (65%)
- Blue (92%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1288, 40.7442, 84.1885 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 43.1288, 40.7442, 84.1885 by changing the saturation by 10% instead.

■ 43.1288, 40.7442,
84.1885

■ 43.1288, 40.7442,
84.1885

350.0537,
349.2504, 529.0134

■ 30.1811, 28.1193,
62.6248

■ 79.1597, 76.2954,
141.1029

■ 20.1249, 18.4156,
45.0987

■ 102.9736, 99.9905,
177.2907

■ 12.5946, 11.2488,
31.1917

131.1404,
128.1444, 219.1902

■ 7.2251, 6.2344,
20.4851

164.0253,
161.1416, 267.2201

■ 3.6508, 2.9881,
12.5606

201.9937,
199.3663, 321.7988

■ 1.5066, 1.1255,
6.9995

245.4111,

■ 0.3303, 0.0000,

243.2031, 383.3449

3.3834

294.6426,
293.0364, 452.2769

■ 0.0000, 0.0000,
1.2936

■ 0.0000, 0.0000,
0.0565

■ 43.1288, 40.7442,
84.1885

■ 43.1288, 40.7442,
84.1885

■ 35.2622, 31.3375,
82.7882

■ 52.5468, 51.9330,
85.8525

■ 28.8596, 23.6164,
81.6353

■ 63.5888, 64.9845,
87.7897

■ 23.8314, 17.4823,
80.7163

■ 76.3281, 79.9800,
90.0127

■ 20.0764, 12.8243,
80.0151

■ 90.8323, 96.9945,
92.5324

■ 17.4793, 9.5175,
79.5137

■ 91.9955, 98.7782,
92.8154

■ 15.9036, 7.4157,
79.1911

■ 15.2250, 6.4572,
79.0419

Harmonies

Analogous

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



36.9009, 40.7442, 87.0322



43.1288, 40.7442, 84.1885



48.6836, 40.7442, 69.3342

Triad

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



43.1288, 40.7442, 84.1885



46.6732, 40.7442, 22.8720



28.1619, 40.7442, 39.2609

Complementary

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



43.1288, 40.7442, 84.1885



68.6262, 76.2395, 44.3579

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.



30.2284, 40.7442, 26.2487



43.1288, 40.7442, 84.1885



40.6106, 40.7442, 18.5779

Square

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



43.1288, 40.7442, 84.1885



50.8761, 40.7442, 33.2814



34.6338, 40.7442, 19.6239



28.6831, 40.7442, 57.6673

Rectangle

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



43.1288, 40.7442, 84.1885



51.0451, 40.7442, 56.3581



34.6338, 40.7442, 19.6239



28.5680, 40.7442, 34.2043

Sweetspot

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



43.1302, 40.7458, 84.1895



79.2502, 81.4150, 106.1455



58.3146, 72.5343, 84.8737



16.5236, 16.9084, 22.6427



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.



43.1302, 40.7458, 84.1895



45.7796, 41.7180, 100.2473



49.1162, 42.2500, 84.1643



14.3280, 14.7425, 19.0127



8.5093, 3.6655, 44.0020



0.7018, 0.3551, 3.4664

Inverse Universe

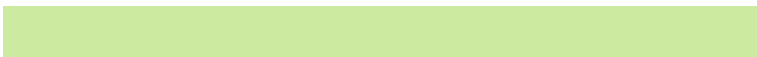
The Inverse Universe completely reimagines the original color for something new.



53.7158, 45.5583, 42.0405



60.3533, 48.4956, 42.1851



60.8879, 74.7577, 44.4797



15.1144, 15.0736, 15.8876



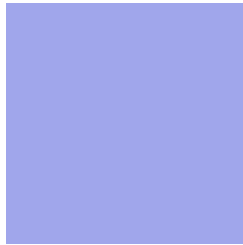
19.1504, 9.8628, 1.3273



1.5208, 0.7813, 0.1937

Previews

White Background



This preview shows how the XYZ color 43.1288, 40.7442, 84.1885 looks on a white background.

Color Contrast Check

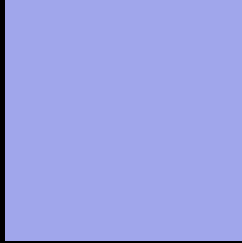
Large Text (above 18pt) WCAG AA × Fail

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 43.1288, 40.7442, 84.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

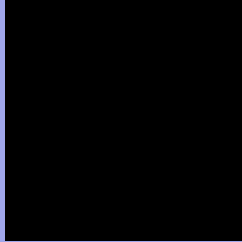
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1288, 40.7442, 84.1885

Background



This preview shows how black text looks on a background with the XYZ color 43.1288, 40.7442, 84.1885.



This preview shows how white text looks on a background with the XYZ color 43.1288, 40.7442,

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

43.1288, 40.7442, 84.1885

Protanopia

42.0517, 40.9744, 85.8132

Deuteranopia

41.8017, 40.8958, 83.5324



Tritanopia

37.0930, 40.8181, 54.0678

Trichromacy



Original Color

43.1288, 40.7442, 84.1885

Protanomaly

42.4694, 40.9314, 85.0191

Deuteranomaly

42.1803, 40.8158, 83.4970

Tritanomaly

39.2195, 40.8313, 64.2067

Monochromacy



Original Color

43.1288, 40.7442, 84.1885

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.3735, 41.0144, 57.4184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1288, 40.7442, 84.1885 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, 166, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 235)  
}
```

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, 166, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.1288, 40.7442, 84.1885 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, 166, 235) }
```


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

```
.border{ border-color:rgb(160, 166, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1288, 40.7442, 84.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 235) }
```

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

```
.background{ background-color: rgb(160,  
166, 235) }
```

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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