

Converting Colors

XYZ(39.6632, 33.9887, 81.9529)

Have a look what the booklet for
XYZ(39.6632, 33.9887, 81.9529)
contains.

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Color

**XYZ(39.8281, 34.0753,
82.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	A192EA
RGB	161, 146, 234
RGB Percent	63%, 57%, 92%
CMY	0.3686, 0.4274, 0.0823
CMYK	0.31, 0.38, 0.00, 0.08
HSL	250°, 68%, 75%
HSV	250°, 38%, 92%
XYZ	39.8281, 34.0753, 82.3199
YIQ	160.5170, -19.3080, 30.5480

Conversions

Conversions Part 2

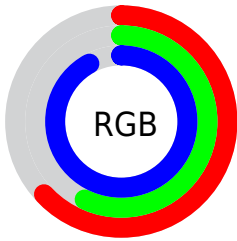
Format	Color
R_{YB}	161, 146, 234
Decimal	10588906
CIE _{Lab}	65.02, 24.92, -42.50
CIE _{LCh}	65, 49.273, 300.385
Yxy	34.0753, 0.2549, 0.2181
Android (android.graphics.Color)	4288778986 (0xFFA192EA)
YUV	160.5170, 36.2271, 0.4236
Hunter-Lab	58.3741, 19.6344, -42.7497

Details

The XYZ color **39.8281, 34.0753, 82.3199** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.8250, 75.9816, 38.4972**, and the grayscale version is **33.4974, 35.2419, 38.3785**.

A 20% lighter version of the original color is **67.6177, 63.4340, 103.2879**, and **18.1915, 14.5246, 43.9642** is the 20% darker color. If you saturate the color by 10%, you get **32.9707, 25.7229, 81.0698**, and if you desaturate by 10%, it is **48.0335, 44.2198, 83.8461**.

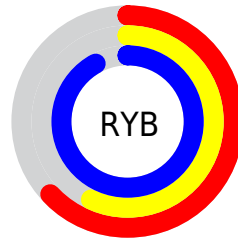
Distribution



Red (63%)

Green (57%)

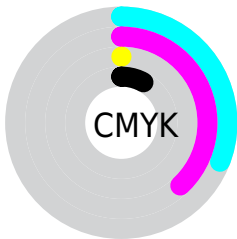
Blue (92%)



Red (63%)

Yellow (57%)

Blue (92%)

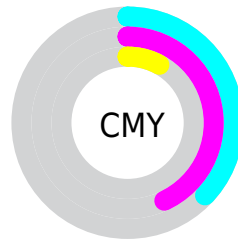


Cyan (31%)

Magenta (38%)

Yellow (0%)

Black (8%)



Cyan (37%)

Magenta (43%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8281, 34.0753, 82.3199 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 39.8281, 34.0753, 82.3199 by changing the saturation by 10% instead.

■ 39.8281, 34.0753,
82.3199

■ 39.8281, 34.0753,
82.3199

336.5454,
320.4677, 522.6286

■ 27.5882, 22.9515,
61.0919

■ 74.1877, 66.0507,
138.4632

■ 18.1543, 14.5577,
43.8683

■ 97.0380, 87.6711,
174.2156

■ 11.1612, 8.5095,
30.2306

124.1559,
113.5592, 215.6466

■ 6.2434, 4.4227,
19.7601

155.9066,
144.0992, 263.1747

■ 3.0357, 1.9127,
12.0384

192.6556,
179.6757, 317.2183

■ 1.1727, 0.5560,
6.6470

234.7681,

■ 0.0846, 0.0000,

220.6730, 378.1962

3.1673

282.6096,
267.4755, 446.5268

■ 0.0000, 0.0000,
1.1807

■ 0.0000, 0.0000,
0.0000

■ 39.8281, 34.0753,
82.3199

■ 39.8281, 34.0753,
82.3199

■ 32.9707, 25.7229,
81.0698

■ 48.0335, 44.2198,
83.8461

■ 27.3842, 19.0535,
80.0769

■ 57.6507, 56.2488,
85.6611

■ 22.9894, 13.9522,
79.3239

■ 68.7441, 70.2532,
87.7795

■ 19.6964, 10.2880,
78.7902

■ 81.3727, 86.3168,
90.2145

■ 17.4018, 7.9076,
78.4516

■ 91.8514, 98.7206,
92.0564

■ 15.9741, 6.6096,
78.2763

■ 15.7222, 6.3895,
78.2471

Harmonies

Analogous

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



32.4798, 34.0753, 91.8368



39.8281, 34.0753, 82.3199



45.8269, 34.0753, 60.0813

Triad

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



39.8281, 34.0753, 82.3199



39.6451, 34.0753, 12.3671



20.5224, 34.0753, 37.3668

Complementary

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



39.8281, 34.0753, 82.3199



63.8250, 75.9816, 38.4972

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.



21.8718, 34.0753, 20.8864



39.8281, 34.0753, 82.3199



32.2955, 34.0753, 10.0621

Square

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



39.8281, 34.0753, 82.3199



45.7108, 34.0753, 20.5761



25.9367, 34.0753, 12.4945



21.9429, 34.0753, 60.7141

Rectangle

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



39.8281, 34.0753, 82.3199



47.8709, 34.0753, 44.0534



25.9367, 34.0753, 12.4945



20.6646, 34.0753, 30.9236

Sweetspot

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



39.8293, 34.0766, 82.3207



78.6970, 79.2417, 105.7551



52.1248, 62.8895, 87.2341



16.4467, 16.4586, 22.5599



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.



39.8293, 34.0766, 82.3207



41.9241, 33.5034, 98.8649



50.2161, 39.4312, 82.8068



14.4705, 14.6723, 18.9916



8.9066, 3.6274, 43.9737



0.7696, 0.3210, 3.4563

Inverse Universe

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



56.9975, 43.1657, 72.3456



65.7136, 46.1129, 84.3674



52.3661, 70.0743, 37.9610



15.5982, 15.2671, 18.4352



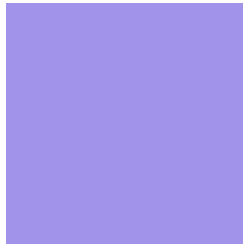
24.5879, 12.0378, 29.9609



1.9599, 0.9569, 2.5060

Previews

White Background



This preview shows how the XYZ color 39.8281, 34.0753, 82.3199 looks on a white background.

Color Contrast Check

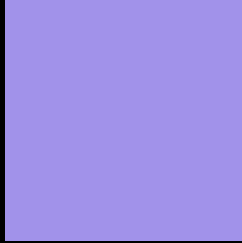
Large Text (above 18pt) WCAG AA × Fail

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 39.8281, 34.0753, 82.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

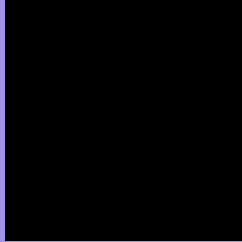
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8281, 34.0753, 82.3199

Background



This preview shows how black text looks on a background with the XYZ color 39.8281, 34.0753, 82.3199.



This preview shows how white text looks on a background with the XYZ color 39.8281, 34.0753,

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

39.8281, 34.0753, 82.3199

Protanopia

36.3509, 34.3056, 87.9248

Deuteranopia

35.2266, 34.3758, 81.1225



Tritanopia

32.0573, 34.0707, 43.9164

Trichromacy



Original Color

39.8281, 34.0753, 82.3199

Protanomaly

37.3083, 34.1185, 85.5081

Deuteranomaly

36.7467, 34.1546, 81.7465

Tritanomaly

34.5428, 33.8236, 56.3378

Monochromacy



Original Color

39.8281, 34.0753, 82.3199

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.6635, 34.9848, 52.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8281, 34.0753, 82.3199 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(161, 146, 234)` looks like.

```
.text, #text, p{  
    color:rgb(161, 146, 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(161, 146, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 146, 234) }
```

Border

The CSS property to change the border of an element to XYZ 39.8281, 34.0753, 82.3199 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(161, 146, 234) }
```


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

```
.border{ border-color:rgb(161, 146, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 146, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 146, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 146, 234);  
box-shadow:4px 4px 4px 4px rgb(161, 146,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8281, 34.0753, 82.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 146, 234) }
```

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

```
.background{ background-color: rgb(161,  
146, 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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