

Converting Colors

XYZ(41.0482, 36.5829, 83.4950)

Have a look what the booklet for
XYZ(41.0482, 36.5829, 83.4950)
contains.

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Color

**XYZ(41.0482, 36.5829,
83.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	A09AEB
RGB	160, 154, 235
RGB Percent	63%, 60%, 92%
CMY	0.3725, 0.3961, 0.0784
CMYK	0.32, 0.34, 0.00, 0.08
HSL	244°, 67%, 76%
HSV	244°, 34%, 92%
XYZ	41.0482, 36.5829, 83.4950
YIQ	165.0280, -22.4250, 26.4630

Conversions

Conversions Part 2

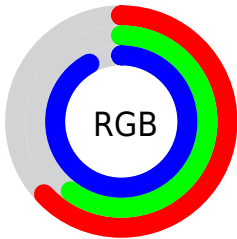
Format	Color
RYB	160, 154, 235
Decimal	10525419
CIELab	66.96, 20.34, -40.02
CIElCh	67, 44.894, 296.941
Yxy	36.5829, 0.2548, 0.2270
Android (android.graphics.Color)	4288715499 (0xFFA09AEB)
YUV	165.0280, 34.4962, -4.4096
Hunter-Lab	60.4838, 15.2949, -39.5084

Details

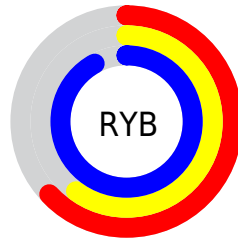
The XYZ color **41.0482, 36.5829, 83.4950** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.8547, 78.4084, 42.1311**, and the grayscale version is **35.6262, 37.4815, 40.8174**.

A 20% lighter version of the original color is **68.9248, 66.9307, 103.8939**, and **18.9308, 16.0193, 44.7421** is the 20% darker color. If you saturate the color by 10%, you get **33.5669, 27.5217, 82.1410**, and if you desaturate by 10%, it is **50.0526, 47.5578, 85.1394**.

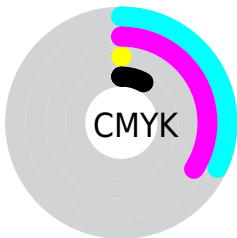
Distribution



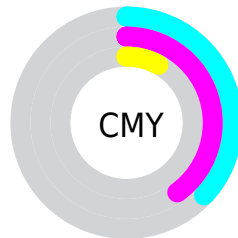
- Red (63%)
- Green (60%)
- Blue (92%)



- Red (63%)
- Yellow (60%)
- Blue (92%)



- Cyan (32%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0482, 36.5829, 83.4950 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 41.0482, 36.5829, 83.4950 by changing the saturation by 10% instead.

■ 41.0482, 36.5829,
83.4950

■ 41.0482, 36.5829,
83.4950

341.5812,
331.5012, 526.6489

■ 28.5446, 24.8847,
62.0556

■ 76.0313, 69.9308,
140.1240

■ 18.8791, 15.9912,
44.6416

■ 99.2415, 92.3493,
176.1506

■ 11.6865, 9.5179,
30.8343

126.7513,
119.1101, 217.8768

■ 6.6012, 5.0805,
20.2153

158.9260,
150.5975, 265.7209

■ 3.2581, 2.2946,
12.3660

196.1310,
187.1959, 320.1017

■ 1.2917, 0.7708,
6.8679

238.7316,

■ 0.1770, 0.0000,

229.2897, 381.4376

3.3024

287.0932,
277.2633, 450.1471

■ 0.0000, 0.0000,
1.2511

■ 0.0000, 0.0000,
0.0212

■ 41.0482, 36.5829,
83.4950

■ 41.0482, 36.5829,
83.4950

■ 33.5669, 27.5217,
82.1410

■ 50.0526, 47.5578,
85.1394

■ 27.5206, 20.2605,
81.0581

■ 60.6538, 60.5428,
87.0871

■ 22.8183, 14.6802,
80.2288

■ 72.9256, 75.6331,
89.3530

■ 19.3567, 10.6454,
79.6325

■ 86.9358, 92.9164,
91.9506

■ 17.0175, 7.9998,
79.2451

■ 91.9955, 98.7782,
92.8153

■ 15.6589, 6.5539,
79.0376

■ 15.2341, 6.1212,
78.9765

Harmonies

Analogous

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



34.0768, 36.5829, 90.2485



41.0482, 36.5829, 83.4950



46.9420, 36.5829, 63.9945

Triad

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



41.0482, 36.5829, 83.4950



42.4151, 36.5829, 15.9425



23.2647, 36.5829, 37.8645

Complementary

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



41.0482, 36.5829, 83.4950



67.8547, 78.4084, 42.1311

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.



24.9096, 36.5829, 22.6763



41.0482, 36.5829, 83.4950



35.4745, 36.5829, 12.8923

Square

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



41.0482, 36.5829, 83.4950



47.8008, 36.5829, 25.1417



29.1687, 36.5829, 14.8801



24.3543, 36.5829, 59.3562

Rectangle

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



41.0482, 36.5829, 83.4950



49.1518, 36.5829, 48.9222



29.1687, 36.5829, 14.8801



23.5104, 36.5829, 31.9449

Sweetspot

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



41.0495, 36.5843, 83.4959



79.2886, 80.5895, 105.9841



56.5084, 69.2403, 88.9843



16.5327, 16.7108, 22.6041



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.



41.0495, 36.5843, 83.4959



43.1673, 36.4655, 99.3711



50.3448, 41.3762, 83.9309



14.3346, 14.6022, 18.9852



8.5178, 3.4270, 43.9555



0.7050, 0.2877, 3.4533

Inverse Universe

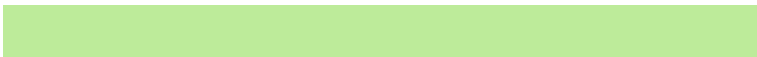
The Inverse Universe completely reimagines the original color for something new.



59.9602, 46.4316, 79.9309



69.0461, 49.9477, 94.2035



56.5531, 72.5822, 41.6022



15.6638, 15.2934, 18.7811



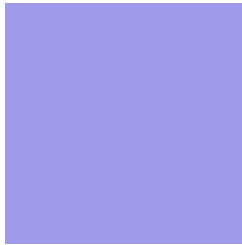
26.1019, 12.6434, 37.9335



2.0640, 0.9986, 3.0546

Previews

White Background



This preview shows how the XYZ color 41.0482, 36.5829, 83.4950 looks on a white background.

Color Contrast Check

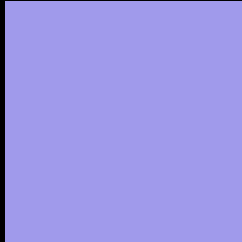
Large Text (above 18pt) WCAG AA × Fail

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 41.0482, 36.5829, 83.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

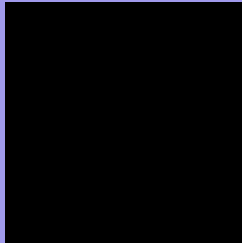
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0482, 36.5829, 83.4950

Background



This preview shows how black text looks on a background with the XYZ color 41.0482, 36.5829, 83.4950.



This preview shows how white text looks on a background with the XYZ color 41.0482, 36.5829,

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

41.0482, 36.5829, 83.4950

Protanopia

38.4523, 36.6671, 87.4889

Deuteranopia

37.6062, 36.6072, 82.1746



Tritanopia

33.8046, 36.4608, 47.9038

Trichromacy



Original Color

41.0482, 36.5829, 83.4950

Protanomaly

39.3365, 36.6465, 85.8891

Deuteranomaly

38.7552, 36.4140, 82.8279

Tritanomaly

36.0026, 36.2887, 59.1397

Monochromacy



Original Color

41.0482, 36.5829, 83.4950

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1434, 36.9940, 53.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0482, 36.5829, 83.4950 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, 154, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 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, 154, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 235) }
```

Border

The CSS property to change the border of an element to XYZ 41.0482, 36.5829, 83.4950 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, 154, 235) }
```


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

```
.border{ border-color:rgb(160, 154, 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, 154, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0482, 36.5829, 83.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 235) }
```

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

```
.background{ background-color: rgb(160,  
154, 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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