

Converting Colors

XYZ(43.3183, 36.3642, 91.9246)

Have a look what the booklet for
XYZ(43.3183, 36.3642, 91.9246)
contains.

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Color

**XYZ(43.3183, 36.3642,
91.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	A795F6
RGB	167, 149, 246
RGB Percent	65%, 58%, 96%
CMY	0.3451, 0.4157, 0.0353
CMYK	0.32, 0.39, 0.00, 0.04
HSL	251°, 84%, 77%
HSV	251°, 39%, 96%
XYZ	43.3183, 36.3642, 91.9246
YIQ	165.4400, -20.4090, 33.9830

Conversions

Conversions Part 2

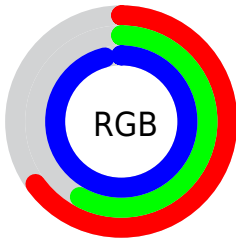
Format	Color
RYB	167, 149, 246
Decimal	10982902
CIELab	66.80, 27.90, -46.27
CIElCh	67, 54.031, 301.085
Yxy	36.3642, 0.2524, 0.2119
Android (android.graphics.Color)	4289172982 (0xFFA795F6)
YUV	165.4400, 39.7161, 1.3681
Hunter-Lab	60.3027, 22.6952, -48.1689

Details

The XYZ color **43.3183, 36.3642, 91.9246** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **70.3761, 84.5761, 41.0507**, and the grayscale version is **35.7987, 37.6630, 41.0150**.

A 20% lighter version of the original color is **70.1464, 65.7792, 103.6073**, and **20.2351, 15.8542, 50.1378** is the 20% darker color. If you saturate the color by 10%, you get **35.9199, 27.3705, 90.5792**, and if you desaturate by 10%, it is **52.1970, 47.3425, 93.5763**.

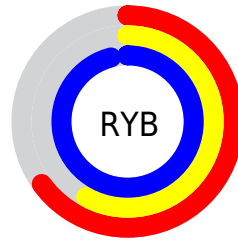
Distribution



Red (65%)

Green (58%)

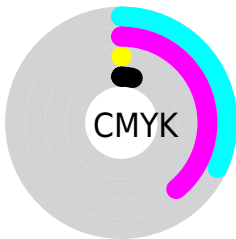
Blue (96%)



Red (65%)

Yellow (58%)

Blue (96%)

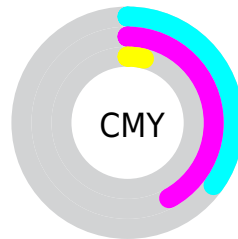


Cyan (32%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (35%)

Magenta (42%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3183, 36.3642, 91.9246 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 43.3183, 36.3642, 91.9246 by changing the saturation by 10% instead.

43.3183, 36.3642,
91.9246

43.3183, 36.3642,
91.9246

350.8185,
330.5496, 555.0026

30.3305, 24.7156,
68.9953

79.4437, 69.5938,
151.9677

20.2389, 15.8653,
50.2362

103.3120, 91.9437,
189.9186

12.6781, 9.4289,
35.2286

131.5379,
118.6293, 233.7137

7.2827, 5.0220,
23.5541

164.4868,
150.0353, 283.7717

3.6874, 2.2602,
14.7940

202.5239,
186.5459, 340.5110

1.5269, 0.7525,
8.5299

246.0147,

0.3440, 0.0000,

228.5456, 404.3503

4.3433

295.3244,
276.4187, 475.7080

■ 0.0000, 0.0000,
1.8155

■ 0.0000, 0.0000,
0.4381

■ 43.3183, 36.3642,
91.9246

■ 43.3183, 36.3642,
91.9246

■ 35.9199, 27.3705,
90.5792

■ 52.1970, 47.3425,
93.5763

■ 29.9154, 20.2374,
89.5189

■ 62.6278, 60.4109,
95.5490

■ 25.2157, 14.8331,
88.7234

■ 74.6825, 75.6727,
97.8595

■ 21.7190, 11.0066,
88.1692

■ 88.4272, 93.2226,
100.5225

■ 19.3071, 8.5800,
87.8279

■ 93.6347, 99.4339,
101.4470

■ 17.8127, 7.2838,
87.6565

■ 17.7457, 7.2266,
87.6490

Harmonies

Analogous

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



34.8613, 36.3642, 103.6999



43.3183, 36.3642, 91.9246



50.2057, 36.3642, 65.5524

Triad

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



43.3183, 36.3642, 91.9246



42.7223, 36.3642, 11.8390



21.1237, 36.3642, 40.4522

Complementary

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



43.3183, 36.3642, 91.9246



70.3761, 84.5761, 41.0507

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.



22.5625, 36.3642, 21.5923



43.3183, 36.3642, 91.9246



34.2665, 36.3642, 9.5088

Square

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



43.3183, 36.3642, 91.9246



49.8252, 36.3642, 20.6226



27.0750, 36.3642, 12.2240



22.7870, 36.3642, 67.6386

Rectangle

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



43.3183, 36.3642, 91.9246



52.5067, 36.3642, 46.9777



27.0750, 36.3642, 12.2240



21.2586, 36.3642, 33.0283

Sweetspot

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



43.3196, 36.3656, 91.9255



77.4716, 77.5826, 105.4995



56.8330, 68.6505, 97.4448



16.2069, 16.1301, 22.5092



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.



43.3196, 36.3656, 91.9255



40.7160, 31.7973, 98.5993



55.4907, 42.6400, 92.4951



15.8680, 16.0746, 20.8089



9.5567, 3.9010, 46.7873



0.9168, 0.3825, 4.1157

Inverse Universe

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



62.7579, 46.6903, 79.1036



64.5985, 44.4993, 82.0949



57.1381, 77.7516, 40.4311



17.0740, 16.7124, 20.1362



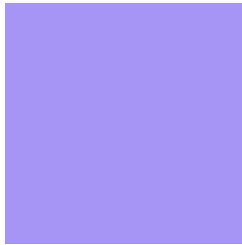
25.9214, 12.7120, 30.6241



2.3116, 1.1306, 2.8675

Previews

White Background



This preview shows how the XYZ color 43.3183, 36.3642, 91.9246 looks on a white background.

Color Contrast Check

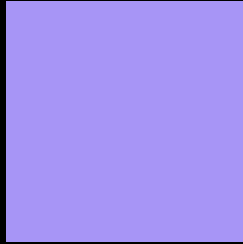
Large Text (above 18pt) WCAG AA × Fail

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 43.3183, 36.3642, 91.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

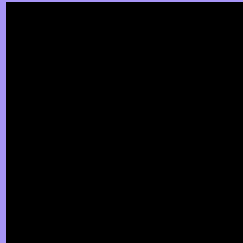
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3183, 36.3642, 91.9246

Background



This preview shows how black text looks on a background with the XYZ color 43.3183, 36.3642, 91.9246.



This preview shows how white text looks on a background with the XYZ color 43.3183, 36.3642,

91.9246.

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

43.3183, 36.3642, 91.9246

Protanopia

39.2005, 36.5283, 99.5923

Deuteranopia

37.5554, 36.6717, 89.8930



Tritanopia

34.3481, 36.4975, 46.8294

Trichromacy



Original Color

43.3183, 36.3642, 91.9246

Protanomaly

40.4474, 36.2217, 96.9552

Deuteranomaly

39.2013, 36.2210, 90.5132

Tritanomaly

37.1594, 36.3296, 60.9309

Monochromacy



Original Color

43.3183, 36.3642, 91.9246

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.8616, 36.7983, 56.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3183, 36.3642, 91.9246 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, 149, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 149, 246)  
}
```

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, 149, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 149, 246) }
```

Border

The CSS property to change the border of an element to XYZ 43.3183, 36.3642, 91.9246 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, 149, 246) }
```


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

```
.border{ border-color:rgb(167, 149, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 149, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 149, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 149, 246); box-shadow:4px 4px 4px 4px rgb(167, 149, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3183, 36.3642, 91.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 149, 246) }
```

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

```
.background{ background-color: rgb(167,  
149, 246) }
```

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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