

Converting Colors

XYZ(36.0264, 31.4704, 70.5059)

Have a look what the booklet for
XYZ(36.0264, 31.4704, 70.5059)
contains.

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Color

**XYZ(36.0382, 31.4759,
70.5057)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8EDA
RGB	156, 142, 218
RGB Percent	61%, 56%, 85%
CMY	0.3882, 0.4431, 0.1451
CMYK	0.28, 0.35, 0.00, 0.15
HSL	251°, 51%, 71%
HSV	251°, 35%, 85%
XYZ	36.0382, 31.4759, 70.5057
YIQ	154.8500, -16.0520, 26.6040

Conversions

Conversions Part 2

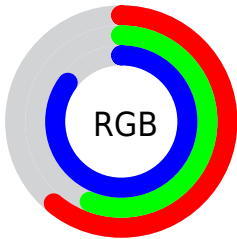
Format	Color
RYB	156, 142, 218
Decimal	10260186
CIELab	62.91, 21.77, -36.98
CIELCh	63, 42.915, 300.488
Yxy	31.4759, 0.2611, 0.2281
Android (android.graphics.Color)	4288450266 (0xFF9C8EDA)
YUV	154.8500, 31.1330, 1.0086
Hunter-Lab	56.1034, 16.4792, -35.2380

Details

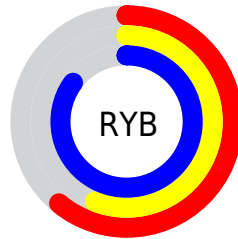
The XYZ color **36.0382, 31.4759, 70.5057** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **54.8565, 64.9338, 35.2346**, and the grayscale version is **30.9622, 32.5747, 35.4738**.

A 20% lighter version of the original color is **64.9413, 60.6969, 102.9006**, and **16.0315, 13.1822, 36.3498** is the 20% darker color. If you saturate the color by 10%, you get **29.9134, 23.9658, 69.3795**, and if you desaturate by 10%, it is **43.3034, 40.5168, 71.8684**.

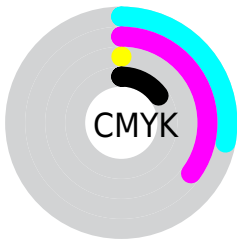
Distribution



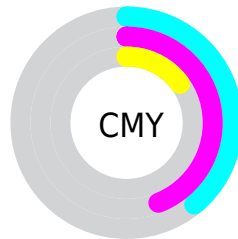
- Red (61%)
- Green (56%)
- Blue (85%)



- Red (61%)
- Yellow (56%)
- Blue (85%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0382, 31.4759, 70.5057 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 36.0382, 31.4759, 70.5057 by changing the saturation by 10% instead.

■ 36.0382, 31.4759,
70.5057

■ 36.0382, 31.4759,
70.5057

320.5558,
308.7248, 481.1606

■ 24.6339, 20.9615,
51.4596

■ 68.4145, 61.9886,
121.6175

■ 15.9318, 13.0959,
36.1952

■ 90.1173, 82.7556,
154.5203

■ 9.5665, 7.4946,
24.2941

■ 115.9836,
107.7090, 192.8790

■ 5.1725, 3.7733,
15.3377

146.3788,
137.2331, 237.1121

■ 2.3846, 1.5476,
8.9075

181.6683,
171.7124, 287.6384

■ 0.8374, 0.3219,
4.5849

222.2174,

■ 0.0000, 0.0000,

211.5311, 344.8762

1.9514

268.3914,
257.0738, 409.2441

■ 0.0000, 0.0000,
0.5251

■ 0.0000, 0.0000,
0.0000

■ 36.0382, 31.4759,
70.5057

■ 36.0382, 31.4759,
70.5057

■ 29.9134, 23.9658,
69.3795

■ 43.3034, 40.5168,
71.8684

■ 24.8666, 17.8972,
68.4741

■ 51.7603, 51.1635,
73.4777

■ 20.8346, 13.1773,
67.7756

■ 61.4609, 63.4906,
75.3458

■ 17.7460, 9.7007,
67.2673

■ 72.4533, 77.5669,
77.4834

■ 15.5193, 7.3460,
66.9302

■ 84.7829, 93.4573,
79.9007

■ 14.0580, 5.9664,
66.7409

■ 89.6550, 97.8420,
80.4903

■ 13.5362, 5.5163,
66.6815

Harmonies

Analogous

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



30.0135, 31.4759, 78.0089



36.0382, 31.4759, 70.5057



40.8939, 31.4759, 52.8594

Triad

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



36.0382, 31.4759, 70.5057



35.8493, 31.4759, 13.0864



19.9615, 31.4759, 34.5490

Complementary

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



36.0382, 31.4759, 70.5057



54.8565, 64.9338, 35.2346

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.



21.1042, 31.4759, 20.6495



36.0382, 31.4759, 70.5057



29.8205, 31.4759, 10.9948

Square

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



36.0382, 31.4759, 70.5057



40.7752, 31.4759, 20.3099



24.5312, 31.4759, 13.2324



21.1808, 31.4759, 53.5010

Rectangle

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



36.0382, 31.4759, 70.5057



42.5333, 31.4759, 39.9156



24.5312, 31.4759, 13.2324



20.0803, 31.4759, 29.1869

Sweetspot

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



36.0393, 31.4771, 70.5064



80.2044, 81.0616, 106.0270



45.4199, 54.0311, 74.3654



16.7524, 16.8240, 22.6144



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.



36.0393, 31.4771, 70.5064



44.6938, 36.6526, 99.3268



44.5599, 35.8696, 70.9052



12.5613, 12.7320, 16.4476



8.1755, 3.3388, 39.9520



0.5970, 0.2510, 2.5914

Inverse Universe

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



49.4864, 38.6122, 61.9721



66.8488, 48.4223, 84.6257



45.6947, 60.2108, 34.8059



13.5061, 13.2315, 15.9265



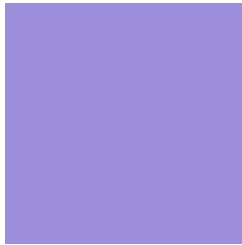
22.1640, 10.8666, 26.3074



1.4632, 0.7149, 1.8480

Previews

White Background



This preview shows how the XYZ color 36.0382, 31.4759, 70.5057 looks on a white background.

Color Contrast Check

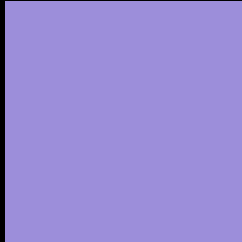
Large Text (above 18pt) WCAG AA × Fail

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 36.0382, 31.4759, 70.5057 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 36.0382, 31.4759, 70.5057

Background



This preview shows how black text looks on a background with the XYZ color 36.0382, 31.4759, 70.5057.



This preview shows how white text looks on a background with the XYZ color 36.0382, 31.4759,

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

36.0382, 31.4759, 70.5057

Protanopia

33.1133, 31.7065, 74.8957

Deuteranopia

32.3634, 31.6803, 69.3749



Tritanopia

29.8598, 31.5188, 40.1073

Trichromacy



Original Color

36.0382, 31.4759, 70.5057

Protanomaly

34.0998, 31.5446, 73.3987

Deuteranomaly

33.5955, 31.5928, 69.9730

Tritanomaly

31.7936, 31.3451, 49.7219

Monochromacy



Original Color

36.0382, 31.4759, 70.5057

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4598, 31.9956, 46.5844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0382, 31.4759, 70.5057 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(156, 142, 218)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 218)  
}
```

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(156, 142, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 218) }
```

Border

The CSS property to change the border of an element to XYZ 36.0382, 31.4759, 70.5057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

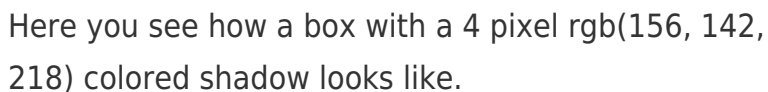
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 142, 218) }
```


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

```
.border{ border-color:rgb(156, 142, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 142, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 142, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 142, 218); box-shadow:4px 4px 4px 4px rgb(156, 142, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0382, 31.4759, 70.5057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 218) }
```

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

```
.background{ background-color: rgb(156,  
142, 218) }
```

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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