

Converting Colors

XYZ(36.3969, 31.1926, 71.8126)

Have a look what the booklet for
XYZ(36.3969, 31.1926, 71.8126)
contains.

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Color

**XYZ(36.3969, 31.1926,
71.8126)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8CDC
RGB	158, 140, 220
RGB Percent	62%, 55%, 86%
CMY	0.3804, 0.4510, 0.1373
CMYK	0.28, 0.36, 0.00, 0.14
HSL	254°, 53%, 71%
HSV	254°, 36%, 86%
XYZ	36.3969, 31.1926, 71.8126
YIQ	154.5020, -14.9520, 28.6960

Conversions

Conversions Part 2

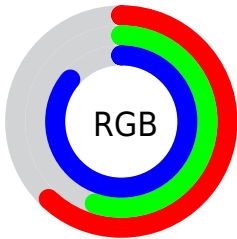
Format	Color
R _Y B	158, 140, 220
Decimal	10390748
CIE Lab	62.67, 23.99, -38.45
CIE LCh	63, 45.325, 301.963
Yxy	31.1926, 0.2611, 0.2238
Android (android.graphics.Color)	4288580828 (0xFF9E8CDC)
YUV	154.5020, 32.2905, 3.0677
Hunter-Lab	55.8503, 18.5879, -37.1401

Details

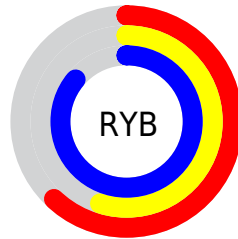
The XYZ color **36.3969, 31.1926, 71.8126** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **54.6847, 65.6371, 34.5992**, and the grayscale version is **30.8038, 32.4080, 35.2923**.

A 20% lighter version of the original color is **65.0733, 60.0997, 102.7784**, and **16.1566, 12.9720, 37.2496** is the 20% darker color. If you saturate the color by 10%, you get **30.3736, 23.7835, 70.7005**, and if you desaturate by 10%, it is **43.5303, 40.1292, 73.1621**.

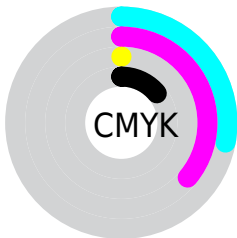
Distribution



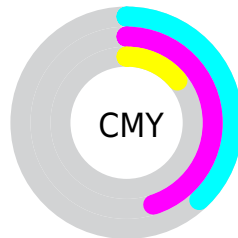
- Red (62%)
- Green (55%)
- Blue (86%)



- Red (62%)
- Yellow (55%)
- Blue (86%)



- Cyan (28%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3969, 31.1926, 71.8126 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 36.3969, 31.1926, 71.8126 by changing the saturation by 10% instead.

■ 36.3969, 31.1926,
71.8126

■ 36.3969, 31.1926,
71.8126

322.0931,
307.4246, 485.8491

■ 24.9124, 20.7456,
52.5197

■ 68.9641, 61.5432,
123.4953

■ 16.1402, 12.9381,
37.0344

■ 90.7775, 82.2155,
156.7222

■ 9.7149, 7.3860,
24.9381

■ 116.7647,
107.0650, 195.4308

■ 5.2711, 3.7046,
15.8124

147.2908,
136.4762, 240.0397

■ 2.4436, 1.5097,
9.2386

182.7214,
170.8333, 290.9675

■ 0.8669, 0.2956,
4.7982

223.4217,

■ 0.0000, 0.0000,

210.5208, 348.6326

2.0727

269.7572,
255.9231, 413.4536

■ 0.0000, 0.0000,
0.5994

■ 0.0000, 0.0000,
0.0000

■ 36.3969, 31.1926,
71.8126

■ 36.3969, 31.1926,
71.8126

■ 30.3736, 23.7835,
70.7005

■ 43.5303, 40.1292,
73.1621

■ 25.3996, 17.8115,
69.8100

■ 51.8238, 50.6696,
74.7595

■ 21.4131, 13.1820,
69.1265

■ 61.3282, 62.8892,
76.6172

■ 18.3438, 9.7874,
68.6330

■ 72.0904, 76.8576,
78.7461

■ 16.1117, 7.5029,
68.3097

■ 84.1546, 92.6405,
81.1567

■ 14.6196, 6.1733,
68.1317

■ 89.9184, 97.9473,
81.8772

■ 14.2093, 5.8328,
68.0876

Harmonies

Analogous

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



30.0567, 31.1926, 80.6208



36.3969, 31.1926, 71.8126



41.4277, 31.1926, 52.6129

Triad

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



36.3969, 31.1926, 71.8126



35.5942, 31.1926, 11.9036



19.2826, 31.1926, 35.1430

Complementary

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



36.3969, 31.1926, 71.8126



54.6847, 65.6371, 34.5992

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.



20.3436, 31.1926, 20.3415



36.3969, 31.1926, 71.8126



29.2423, 31.1926, 10.0346

Square

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



36.3969, 31.1926, 71.8126



40.9208, 31.1926, 18.9398



23.7890, 31.1926, 12.4927



20.6620, 31.1926, 55.3638

Rectangle

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



36.3969, 31.1926, 71.8126



43.0462, 31.1926, 38.9497



23.7890, 31.1926, 12.4927



19.3651, 31.1926, 29.4220

Sweetspot

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



36.3980, 31.1938, 71.8133



79.1951, 79.4985, 105.7785



45.0117, 53.2983, 75.6259



16.5646, 16.5193, 22.5655



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.



36.3980, 31.1938, 71.8133



44.0005, 35.1347, 99.0703



45.4106, 35.8400, 72.2351



12.6114, 12.7578, 16.4499



8.4189, 3.4643, 39.9633



0.6205, 0.2631, 2.5925

Inverse Universe

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



49.5548, 38.2372, 60.6465



65.2810, 46.5443, 80.2257



45.3639, 60.8320, 34.1630



13.4825, 13.2221, 15.8019



21.6521, 10.6619, 23.6119



1.4342, 0.7033, 1.6952

Previews

White Background



This preview shows how the XYZ color 36.3969, 31.1926, 71.8126 looks on a white background.

Color Contrast Check

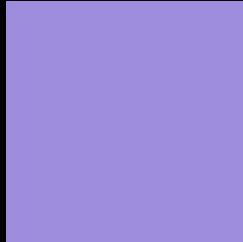
Large Text (above 18pt) WCAG AA × Fail

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 36.3969, 31.1926, 71.8126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

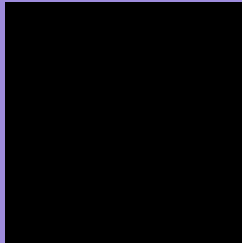
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3969, 31.1926, 71.8126

Background



This preview shows how black text looks on a background with the XYZ color 36.3969, 31.1926, 71.8126.



This preview shows how white text looks on a background with the XYZ color 36.3969, 31.1926,

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

36.3969, 31.1926, 71.8126

Protanopia

33.0700, 31.4009, 76.9911

Deuteranopia

32.1654, 31.3103, 70.6779



Tritanopia

29.9617, 31.3399, 39.5920

Trichromacy



Original Color

36.3969, 31.1926, 71.8126

Protanomaly

34.0500, 31.2580, 74.7598

Deuteranomaly

33.5463, 31.0755, 71.2479

Tritanomaly

32.0041, 31.2198, 49.6866

Monochromacy



Original Color

36.3969, 31.1926, 71.8126

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7533, 32.1353, 47.1243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3969, 31.1926, 71.8126 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(158, 140, 220)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 220)  
}
```

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(158, 140, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 220) }
```

Border

The CSS property to change the border of an element to XYZ 36.3969, 31.1926, 71.8126 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(158, 140, 220) }
```


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

```
.border{ border-color:rgb(158, 140, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 220);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3969, 31.1926, 71.8126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 220) }
```

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

```
.background{ background-color: rgb(158,  
140, 220) }
```

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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