

Converting Colors

XYZ(35.5710, 31.0419, 69.0924)

Have a look what the booklet for
XYZ(35.5710, 31.0419, 69.0924)
contains.

XYZ(35.6298, 31.0755, 69.0860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6298, 31.0755,
69.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8DD8
RGB	156, 141, 216
RGB Percent	61%, 55%, 85%
CMY	0.3882, 0.4470, 0.1529
CMYK	0.28, 0.35, 0.00, 0.15
HSL	252°, 49%, 70%
HSV	252°, 35%, 85%
XYZ	35.6298, 31.0755, 69.0860
YIQ	154.0350, -15.1350, 26.5050

Conversions

Conversions Part 2

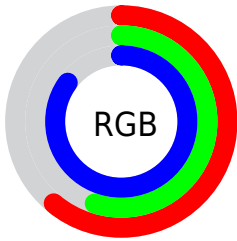
Format	Color
RYB	156, 141, 216
Decimal	10259928
CIELab	62.57, 21.85, -36.39
CIElCh	63, 42.447, 300.981
Yxy	31.0755, 0.2624, 0.2288
Android (android.graphics.Color)	4288450008 (0xFF9C8DD8)
YUV	154.0350, 30.5487, 1.7233
Hunter-Lab	55.7454, 16.5342, -34.4571

Details

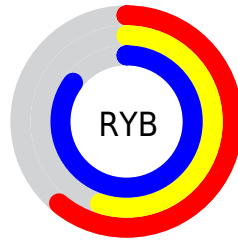
The XYZ color **35.6298, 31.0755, 69.0860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.4517, 63.4530, 34.6309**, and the grayscale version is **30.6063, 32.2003, 35.0661**.

A 20% lighter version of the original color is **64.7165, 60.2473, 102.8257**, and **15.7676, 12.9389, 35.3846** is the 20% darker color. If you saturate the color by 10%, you get **29.6408, 23.7128, 67.9810**, and if you desaturate by 10%, it is **42.7177, 39.9280, 70.4217**.

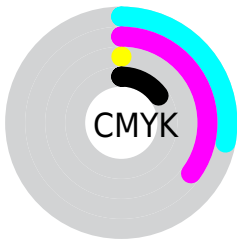
Distribution



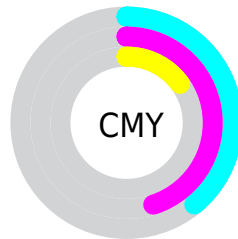
- Red (61%)
- Green (55%)
- Blue (85%)



- Red (61%)
- Yellow (55%)
- Blue (85%)



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



- Cyan (39%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6298, 31.0755, 69.0860 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 35.6298, 31.0755, 69.0860 by changing the saturation by 10% instead.

■ 35.6298, 31.0755,
69.0860

■ 35.6298, 31.0755,
69.0860

318.7991,
306.8860, 476.0364

■ 24.3172, 20.6563,
50.3096

■ 67.7879, 61.3589,
119.5733

■ 15.6951, 12.8730,
35.2865

■ 89.3641, 81.9920,
152.1212

■ 9.3981, 7.3412,
23.5984

■ 115.0922,
106.7985, 190.0966

■ 5.0609, 3.6764,
14.8265

145.3377,
136.1627, 233.9182

■ 2.3182, 1.4942,
8.5524

180.4657,
170.4693, 284.0044

■ 0.8039, 0.2847,
4.3576

220.8417,

■ 0.0000, 0.0000,

210.1024, 340.7738

1.8235

266.8311,
255.4465, 404.6450

■ 0.0000, 0.0000,
0.4434

■ 0.0000, 0.0000,
0.0000

■ 35.6298, 31.0755,
69.0860

■ 35.6298, 31.0755,
69.0860

■ 29.6408, 23.7128,
67.9810

■ 42.7177, 39.9280,
70.4217

■ 24.6914, 17.7534,
67.0916

■ 50.9535, 50.3431,
71.9979

■ 20.7210, 13.1076,
66.4042

■ 60.3869, 62.3929,
73.8266

■ 17.6617, 9.6733,
65.9025

■ 71.0639, 76.1442,
75.9181

■ 15.4359, 7.3331,
65.5681

■ 83.0278, 91.6599,
78.2824

■ 13.9519, 5.9452,
65.3785

■ 89.3948, 97.7379,
79.1200

■ 13.3995, 5.4758,
65.3170

Harmonies

Analogous

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



29.7268, 31.0755, 76.6411



35.6298, 31.0755, 69.0860



40.3512, 31.0755, 51.7293

Triad

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



35.6298, 31.0755, 69.0860



35.2580, 31.0755, 12.9476



19.7656, 31.0755, 34.3833

Complementary

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



35.6298, 31.0755, 69.0860



53.4517, 63.4530, 34.6309

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.



20.8503, 31.0755, 20.6331



35.6298, 31.0755, 69.0860



29.3466, 31.0755, 10.9571

Square

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



35.6298, 31.0755, 69.0860



40.1176, 31.0755, 19.9624



24.1805, 31.0755, 13.2366



21.0014, 31.0755, 52.9908

Rectangle

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



35.6298, 31.0755, 69.0860



41.9186, 31.0755, 39.0710



24.1805, 31.0755, 13.2366



19.8696, 31.0755, 29.0907

Sweetspot

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



35.6309, 31.0767, 69.0867



80.3369, 81.1299, 106.0332



44.2667, 52.3947, 72.7464



16.7842, 16.8404, 22.6158



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.



35.6309, 31.0767, 69.0867



45.0552, 36.8389, 99.3437



44.0405, 35.4120, 69.4803



11.9723, 12.1271, 15.6473



8.0017, 3.2775, 38.6640



0.5510, 0.2329, 2.3352

Inverse Universe

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



48.3872, 37.8668, 60.0177



66.6052, 48.3248, 83.3429



44.5713, 58.8750, 34.2153



12.8416, 12.5881, 15.1062



21.2543, 10.4381, 24.4412



1.3096, 0.6406, 1.6199

Previews

White Background



This preview shows how the XYZ color 35.6298, 31.0755, 69.0860 looks on a white background.

Color Contrast Check

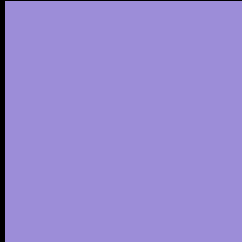
Large Text (above 18pt) WCAG AA × Fail

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 35.6298, 31.0755, 69.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

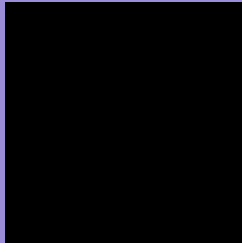
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6298, 31.0755, 69.0860

Background



This preview shows how black text looks on a background with the XYZ color 35.6298, 31.0755, 69.0860.



This preview shows how white text looks on a background with the XYZ color 35.6298, 31.0755,

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

35.6298, 31.0755, 69.0860

Protanopia

32.6847, 31.2808, 73.4224

Deuteranopia

31.9460, 31.2569, 67.9678



Tritanopia

29.7831, 31.2478, 39.5836

Trichromacy



Original Color

35.6298, 31.0755, 69.0860

Protanomaly

33.6784, 31.1283, 71.9435

Deuteranomaly

33.1807, 31.1770, 68.5589

Tritanomaly

31.7148, 31.0827, 49.1278

Monochromacy



Original Color

35.6298, 31.0755, 69.0860

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.2008, 31.6378, 46.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6298, 31.0755, 69.0860 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, 141, 216)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 216)  
}
```

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, 141, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 216) }
```

Border

The CSS property to change the border of an element to XYZ 35.6298, 31.0755, 69.0860 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, 141, 216) }
```


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

```
.border{ border-color:rgb(156, 141, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 216);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6298, 31.0755, 69.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 216) }
```

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

```
.background{ background-color: rgb(156,  
141, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor