

Converting Colors

XYZ(35.1660, 31.2782, 69.1496)

Have a look what the booklet for
XYZ(35.1660, 31.2782, 69.1496)
contains.

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Color

**XYZ(35.1660, 31.2782,
69.1496)**

Conversions

Conversions Part 1

Format	Color
Hex	988FD8
RGB	152, 143, 216
RGB Percent	60%, 56%, 85%
CMY	0.4039, 0.4392, 0.1529
CMYK	0.30, 0.34, 0.00, 0.15
HSL	247°, 48%, 70%
HSV	247°, 34%, 85%
XYZ	35.1660, 31.2782, 69.1496
YIQ	154.0130, -18.0690, 24.6110

Conversions

Conversions Part 2

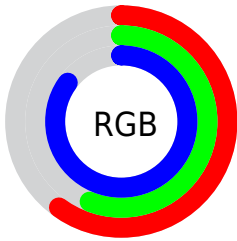
Format	Color
R_{YB}	152, 143, 216
Decimal	9998296
CIE _{Lab}	62.74, 19.54, -36.15
CIE _{LCh}	63, 41.095, 298.397
Yxy	31.2782, 0.2593, 0.2307
Android (android.graphics.Color)	4288188376 (0xFF988FD8)
YUV	154.0130, 30.5596, -1.7654
Hunter-Lab	55.9269, 14.3660, -34.1590

Details

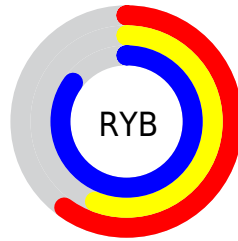
The XYZ color **35.1660, 31.2782, 69.1496** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.2467, 64.3610, 35.4989**, and the grayscale version is **30.5976, 32.1911, 35.0561**.

A 20% lighter version of the original color is **64.0287, 60.5624, 102.9228**, and **15.4930, 13.0546, 35.4214** is the 20% darker color. If you saturate the color by 10%, you get **28.9645, 23.7227, 68.0187**, and if you desaturate by 10%, it is **42.5599, 40.3764, 70.5166**.

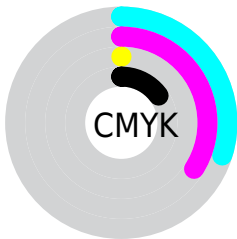
Distribution



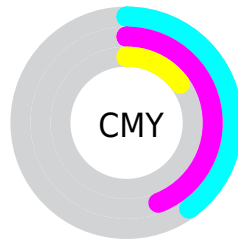
- Red (60%)
- Green (56%)
- Blue (85%)



- Red (60%)
- Yellow (56%)
- Blue (85%)



- Cyan (30%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1660, 31.2782, 69.1496 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 35.1660, 31.2782, 69.1496 by changing the saturation by 10% instead.

■ 35.1660, 31.2782,
69.1496

■ 35.1660, 31.2782,
69.1496

316.7956,
307.8179, 476.2666

■ 23.9579, 20.8108,
50.3610

■ 67.0752, 61.6778,
119.6649

■ 15.4270, 12.9858,
35.3272

■ 88.5070, 82.3788,
152.2288

■ 9.2078, 7.4187,
23.6294

■ 114.0773,
107.2597, 190.2215

■ 4.9352, 3.7253,
14.8493

144.1517,
136.7051, 234.0616

■ 2.2437, 1.5211,
8.5683

179.0953,
171.0991, 284.1676

■ 0.7656, 0.3035,
4.3677

219.2736,

■ 0.0000, 0.0000,

210.8264, 340.9581

1.8292

265.0519,
256.2712, 404.8516

■ 0.0000, 0.0000,
0.4471

■ 0.0000, 0.0000,
0.0000

■ 35.1660, 31.2782,
69.1496

■ 35.1660, 31.2782,
69.1496

■ 28.9645, 23.7227,
68.0187

■ 42.5599, 40.3764,
70.5166

■ 23.8892, 17.6205,
67.1083

■ 51.2010, 51.0927,
72.1296

■ 19.8728, 12.8787,
66.4047

■ 61.1446, 63.5020,
74.0007

■ 16.8391, 9.3920,
65.8916

■ 72.4418, 77.6733,
76.1407

■ 14.7014, 7.0393,
65.5502

■ 85.1409, 93.6719,
78.5594

■ 13.3573, 5.6755,
65.3578

■ 89.3948, 97.7379,
79.1200

■ 12.8370, 5.1859,
65.2907

Harmonies

Analogous

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



29.4279, 31.2782, 75.2692



35.1660, 31.2782, 69.1496



39.9073, 31.2782, 52.9702

Triad

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



35.1660, 31.2782, 69.1496



35.7546, 31.2782, 13.9235



20.1882, 31.2782, 33.1986

Complementary

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



35.1660, 31.2782, 69.1496



55.2467, 64.3610, 35.4989

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.



21.4476, 31.2782, 20.2847



35.1660, 31.2782, 69.1496



30.0322, 31.2782, 11.5526

Square

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



35.1660, 31.2782, 69.1496



40.2761, 31.2782, 21.3643



24.8834, 31.2782, 13.4523



21.2054, 31.2782, 50.9836

Rectangle

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



35.1660, 31.2782, 69.1496



41.6113, 31.2782, 40.6635



24.8834, 31.2782, 13.4523



20.3559, 31.2782, 28.2072

Sweetspot

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



35.1671, 31.2794, 69.1503



79.6960, 80.7995, 106.0032



46.1534, 55.6586, 73.2769



16.6304, 16.7611, 22.6087



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.



35.1671, 31.2794, 69.1503



44.2022, 36.9990, 99.4196



42.9613, 35.2974, 69.5151



11.8835, 12.0813, 15.6431



7.6470, 3.0947, 38.6474



0.5094, 0.2115, 2.3333

Inverse Universe

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



49.4047, 38.7499, 63.9078



68.2619, 49.6340, 90.0739



46.3057, 59.7517, 35.0805



12.8840, 12.6051, 15.3296



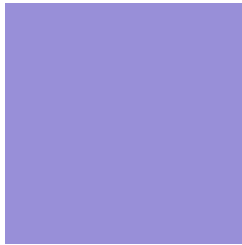
22.2498, 10.8362, 29.6830



1.3609, 0.6612, 1.8901

Previews

White Background



This preview shows how the XYZ color 35.1660, 31.2782, 69.1496 looks on a white background.

Color Contrast Check

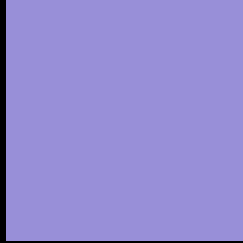
Large Text (above 18pt) WCAG AA × Fail

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 35.1660, 31.2782, 69.1496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

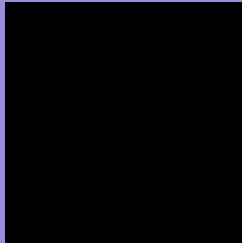
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1660, 31.2782, 69.1496

Background



This preview shows how black text looks on a background with the XYZ color 35.1660, 31.2782, 69.1496.



This preview shows how white text looks on a background with the XYZ color 35.1660, 31.2782,

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

35.1660, 31.2782, 69.1496

Protanopia

32.7007, 31.3045, 72.7255

Deuteranopia

32.2253, 31.3861, 68.6496



Tritanopia

29.3381, 31.2499, 40.0829

Trichromacy



Original Color

35.1660, 31.2782, 69.1496

Protanomaly

33.5364, 31.3003, 71.2918

Deuteranomaly

33.0160, 31.0921, 68.5512

Tritanomaly

31.2532, 31.0666, 49.6966

Monochromacy



Original Color

35.1660, 31.2782, 69.1496

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9790, 31.7593, 46.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1660, 31.2782, 69.1496 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(152, 143, 216)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 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(152, 143, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 216) }
```

Border

The CSS property to change the border of an element to XYZ 35.1660, 31.2782, 69.1496 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(152, 143, 216) }
```


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

```
.border{ border-color:rgb(152, 143, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 216);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1660, 31.2782, 69.1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 216) }
```

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

```
.background{ background-color: rgb(152,  
143, 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](#).

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