

Converting Colors

XYZ(35.4792, 31.9009, 71.2836)

Have a look what the booklet for
XYZ(35.4792, 31.9009, 71.2836)
contains.

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Color

**XYZ(35.4893, 31.8493,
71.2949)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9691DB |
| RGB | 150, 145, 219 |
| RGB Percent | 59%, 57%, 86% |
| CMY | 0.4118, 0.4314, 0.1412 |
| CMYK | 0.32, 0.34, 0.00, 0.14 |
| HSL | 244°, 51%, 71% |
| HSV | 244°, 34%, 86% |
| XYZ | 35.4893, 31.8493, 71.2949 |
| YIQ | 154.9310, -20.7740, 24.0740 |

Conversions

Conversions Part 2

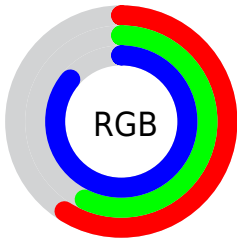
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 150, 145, 219 |
| Decimal | 9867739 |
| CIE _{Lab} | 63.22, 18.59, -37.09 |
| CIE _{LCh} | 63, 41.486, 296.618 |
| Yxy | 31.8493, 0.2560, 0.2297 |
| Android (android.graphics.Color) | 4288057819 (0xFF9691DB) |
| YUV | 154.9310, 31.5860, -4.3245 |
| Hunter-Lab | 56.4352, 13.4883, -35.3968 |

Details

The XYZ color **35.4893, 31.8493, 71.2949** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1744, 67.0041, 36.6562**, and the grayscale version is **30.9975, 32.6118, 35.5142**.

A 20% lighter version of the original color is **63.9270, 61.1887, 103.0490**, and **15.7228, 13.4061, 36.8809** is the 20% darker color. If you saturate the color by 10%, you get **29.0241, 24.0189, 70.1248**, and if you desaturate by 10%, it is **43.2565, 41.3097, 72.7121**.

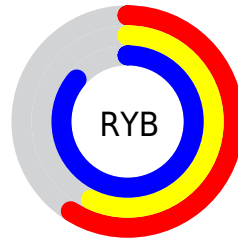
Distribution



Red (59%)

Green (57%)

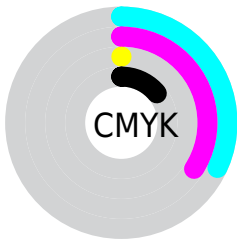
Blue (86%)



Red (59%)

Yellow (57%)

Blue (86%)

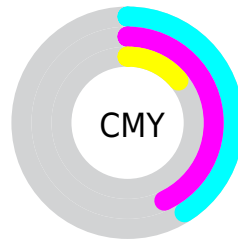


Cyan (32%)

Magenta (34%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (43%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4893, 31.8493, 71.2949 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 35.4893, 31.8493, 71.2949 by changing the saturation by 10% instead.

■ 35.4893, 31.8493,
71.2949

■ 35.4893, 31.8493,
71.2949

318.1931,
310.4322, 483.9951

■ 24.2083, 21.2464,
52.0996

■ 67.5721, 62.5748,
122.7519

■ 15.6138, 13.3042,
36.7017

■ 89.1047, 83.4661,
155.8507

■ 9.3404, 7.6384,
24.6826

114.7851,
108.5558, 194.4210

■ 5.0227, 3.8644,
15.6239

144.9788,
138.2281, 238.8815

■ 2.2955, 1.5980,
9.1069

180.0511,
172.8676, 289.6505

■ 0.7924, 0.3563,
4.7132

220.3673,

■ 0.0000, 0.0000,

212.8584, 347.1468

2.0242

266.2929,
258.5852, 411.7888

■ 0.0000, 0.0000,
0.5701

■ 0.0000, 0.0000,
0.0000

■ 35.4893, 31.8493,
71.2949

■ 35.4893, 31.8493,
71.2949

■ 29.0241, 24.0189,
70.1248

■ 43.2565, 41.3097,
72.7121

■ 23.7864, 17.7228,
69.1856

■ 52.3881, 52.4811,
74.3871

■ 19.6994, 12.8614,
68.4627

■ 62.9465, 65.4435,
76.3327

■ 16.6759, 9.3213,
67.9387

■ 74.9892, 80.2709,
78.5599

■ 14.6166, 6.9724,
67.5939

■ 88.5706, 97.0329,
81.0795

■ 13.4029, 5.6576,
67.4041

■ 89.7863, 97.8945,
81.1817

■ 12.9800, 5.2144,
67.3408

Harmonies

Analogous

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



29.6255, 31.8493, 76.7546



35.4893, 31.8493, 71.2949



40.4515, 31.8493, 55.1329

Triad

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



35.4893, 31.8493, 71.2949



36.7577, 31.8493, 14.4187



20.5392, 31.8493, 32.8474

Complementary

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



35.4893, 31.8493, 71.2949



58.1744, 67.0041, 36.6562

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.



21.9615, 31.8493, 20.0355



35.4893, 31.8493, 71.2949



30.9274, 31.8493, 11.7318

Square

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



35.4893, 31.8493, 71.2949



41.2464, 31.8493, 22.3599



25.5925, 31.8493, 13.4049



21.4402, 31.8493, 50.8504

Rectangle

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



35.4893, 31.8493, 71.2949



42.3247, 31.8493, 42.5183



25.5925, 31.8493, 13.4049



20.7564, 31.8493, 27.8670

Sweetspot

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



35.4904, 31.8505, 71.2956



79.2350, 80.5618, 105.9816



48.5275, 59.2619, 75.8994



16.5199, 16.7042, 22.6035



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.



35.4904, 31.8505, 71.2956



43.0337, 36.3966, 99.3649



43.3897, 35.9228, 71.6653



12.4198, 12.6590, 16.4410



7.7293, 3.1088, 39.9311



0.5300, 0.2165, 2.5883

Inverse Universe

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



51.4771, 40.1669, 68.6584



69.1515, 49.9899, 94.7582



48.5899, 62.0631, 36.2076



13.5744, 13.2589, 16.2861



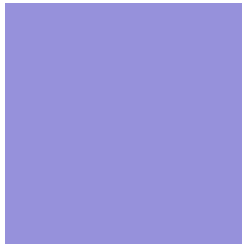
23.8155, 11.5273, 35.0042



1.5546, 0.7515, 2.3292

Previews

White Background



This preview shows how the XYZ color 35.4893, 31.8493, 71.2949 looks on a white background.

Color Contrast Check

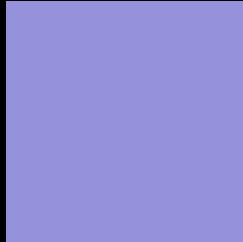
Large Text (above 18pt) WCAG AA × Fail

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 35.4893, 31.8493, 71.2949 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 35.4893, 31.8493, 71.2949

Background



This preview shows how black text looks on a background with the XYZ color 35.4893, 31.8493, 71.2949.



This preview shows how white text looks on a background with the XYZ color 35.4893, 31.8493,

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

35.4893, 31.8493, 71.2949

Protanopia

33.2789, 31.8075, 74.1975

Deuteranopia

32.7748, 31.8623, 70.7523



Tritanopia

29.4367, 31.7588, 41.6244

Trichromacy



Original Color

35.4893, 31.8493, 71.2949

Protanomaly

34.0912, 31.7721, 73.4431

Deuteranomaly

33.7189, 31.8752, 70.7050

Tritanomaly

31.3639, 31.5607, 51.4525

Monochromacy



Original Color

35.4893, 31.8493, 71.2949

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2394, 32.1199, 46.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4893, 31.8493, 71.2949 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(150, 145, 219)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 219)  
}
```

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(150, 145, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 219) }
```

Border

The CSS property to change the border of an element to XYZ 35.4893, 31.8493, 71.2949 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(150, 145, 219) }
```


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

```
.border{ border-color:rgb(150, 145, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 219);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4893, 31.8493, 71.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 219) }
```

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

```
.background{ background-color: rgb(150,  
145, 219) }
```

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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