

Converting Colors

XYZ(35.1078, 31.6304, 71.2732)

Have a look what the booklet for
XYZ(35.1078, 31.6304, 71.2732)
contains.

XYZ(35.1243, 31.6612, 71.2778)	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(35.1243, 31.6612,
71.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	9491DB
RGB	148, 145, 219
RGB Percent	58%, 57%, 86%
CMY	0.4196, 0.4314, 0.1412
CMYK	0.32, 0.34, 0.00, 0.14
HSL	242°, 51%, 71%
HSV	242°, 34%, 86%
XYZ	35.1243, 31.6612, 71.2778
YIQ	154.3330, -21.9660, 23.6500

Conversions

Conversions Part 2

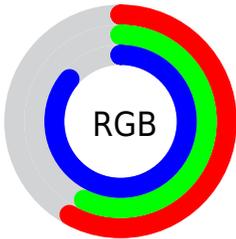
Format	Color
RYB	148, 145, 219
Decimal	9736667
CIELab	63.06, 18.02, -37.34
CIELCh	63, 41.466, 295.762
Yxy	31.6612, 0.2544, 0.2293
Android (android.graphics.Color)	4287926747 (0xFF9491DB)
YUV	154.3330, 31.8808, -5.5540
Hunter-Lab	56.2683, 12.9554, -35.7178

Details

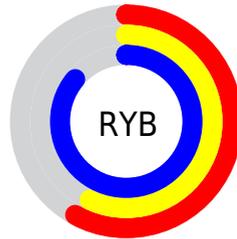
The XYZ color **35.1243, 31.6612, 71.2778** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.7620, 67.3070, 36.6837**, and the grayscale version is **30.7335, 32.3341, 35.2118**.

A 20% lighter version of the original color is **63.3753, 60.9042, 103.0232**, and **15.5124, 13.2977, 36.8711** is the 20% darker color. If you saturate the color by 10%, you get **28.6330, 23.8173, 70.1065**, and if you desaturate by 10%, it is **42.9527, 41.1532, 72.6979**.

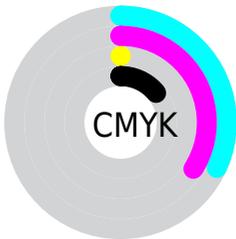
Distribution



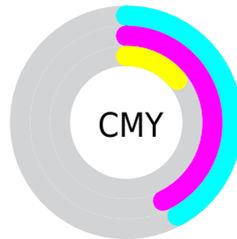
- Red (58%)
- Green (57%)
- Blue (86%)



- Red (58%)
- Yellow (57%)
- Blue (86%)



- Cyan (32%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1243, 31.6612, 71.2778 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 35.1243, 31.6612, 71.2778 by changing the saturation by 10% instead.

■ 35.1243, 31.6612,
71.2778

■ 35.1243, 31.6612,
71.2778

316.6151,
309.5730, 483.9338

■ 23.9256, 21.1029,
52.0857

■ 67.0110, 62.2796,
122.7273

■ 15.4029, 13.1992,
36.6907

■ 88.4298, 83.1084,
155.8219

■ 9.1908, 7.5659,
24.6742

113.9859,
108.1295, 194.3876

■ 4.9239, 3.8184,
15.6177

144.0448,
137.7273, 238.8432

■ 2.2370, 1.5725,
9.1026

178.9718,
172.2861, 289.6070

■ 0.7621, 0.3390,
4.7104

219.1323,

■ 0.0000, 0.0000,

212.1904, 347.0977

2.0226

264.8916,
257.8246, 411.7338

■ 0.0000, 0.0000,
0.5691

■ 0.0000, 0.0000,
0.0000

■ 35.1243, 31.6612,
71.2778

■ 35.1243, 31.6612,
71.2778

■ 28.6330, 23.8173,
70.1065

■ 42.9527, 41.1532,
72.6979

■ 23.4010, 17.5242,
69.1675

■ 52.1836, 52.3758,
74.3776

■ 19.3474, 12.6800,
68.4462

■ 62.8822, 65.4105,
76.3296

■ 16.3808, 9.1692,
67.9249

■ 75.1086, 80.3325,
78.5655

■ 14.3960, 6.8587,
67.5835

■ 88.9195, 97.2128,
81.0958

■ 13.2674, 5.5878,
67.3977

■ 89.7863, 97.8945,
81.1817

■ 12.8974, 5.1718,
67.3369

Harmonies

Analogous

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



29.2884, 31.6612, 76.3276



35.1243, 31.6612, 71.2778



40.1184, 31.6612, 55.3765

Triad

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



35.1243, 31.6612, 71.2778



36.7063, 31.6612, 14.4578



20.4137, 31.6612, 32.2004

Complementary

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



35.1243, 31.6612, 71.2778



58.7620, 67.3070, 36.6837

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.



21.8946, 31.6612, 19.6297



35.1243, 31.6612, 71.2778



30.9122, 31.6612, 11.6550

Square

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



35.1243, 31.6612, 71.2778



41.1099, 31.6612, 22.5284



25.5667, 31.6612, 13.1938



21.2444, 31.6612, 50.0345

Rectangle

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



35.1243, 31.6612, 71.2778



42.0456, 31.6612, 42.8048



25.5667, 31.6612, 13.1938



20.6519, 31.6612, 27.3004

Sweetspot

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



35.1254, 31.6624, 71.2785



79.0126, 80.4472, 105.9712



49.1568, 60.5205, 76.1092



16.4667, 16.6767, 22.6010



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

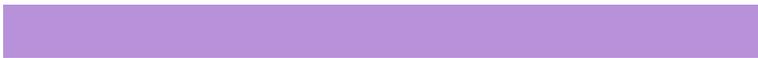
The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1254, 31.6624, 71.2785



42.4861, 36.1144, 99.3392



42.7917, 35.6146, 71.6373



12.3873, 12.6422, 16.4395



7.6696, 3.0780, 39.9283



0.5145, 0.2085, 2.5876

Inverse Universe

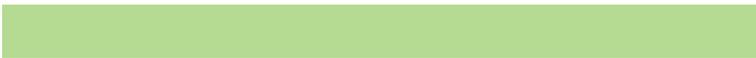
The Inverse Universe completely reimagines the original color for something new.



51.7343, 40.2698, 70.0126



69.5933, 50.1666, 97.0850



49.1572, 62.3555, 36.2343



13.5904, 13.2653, 16.3702



24.2391, 11.6967, 37.2349



1.5776, 0.7607, 2.4504

Previews

White Background



This preview shows how the XYZ color 35.1243, 31.6612, 71.2778 looks on a white background.

Color Contrast Check

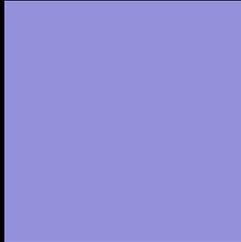
Large Text (above 18pt) WCAG AA × Fail

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 35.1243, 31.6612, 71.2778 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 35.1243, 31.6612, 71.2778

Background



This preview shows how black text looks on a background with the XYZ color 35.1243, 31.6612, 71.2778.



This preview shows how white text looks on a background with the XYZ color 35.1243, 31.6612,

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

35.1243, 31.6612, 71.2778

Protanopia

33.1277, 31.7296, 74.1904

Deuteranopia

32.6236, 31.7844, 70.7452



Tritanopia

29.1058, 31.5882, 41.6089

Trichromacy



Original Color

35.1243, 31.6612, 71.2778

Protanomaly

33.7664, 31.6046, 73.4279

Deuteranomaly

33.3940, 31.7077, 70.6898

Tritanomaly

31.0208, 31.3838, 51.4364

Monochromacy



Original Color

35.1243, 31.6612, 71.2778

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0514, 32.0230, 46.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1243, 31.6612, 71.2778 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(148, 145, 219)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 145, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 219) }
```

Border

The CSS property to change the border of an element to XYZ 35.1243, 31.6612, 71.2778 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(148, 145, 219) }
```

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

```
.border{ border-color:rgb(148, 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(148, 145, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 219);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1243, 31.6612, 71.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 219) }
```

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

```
.background{ background-color: rgb(148,  
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](#).

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