

Converting Colors

XYZ(34.3145, 31.4409, 72.6668)

Have a look what the booklet for
XYZ(34.3145, 31.4409, 72.6668)
contains.

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Color

**XYZ(34.3145, 31.4409,
72.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	8D92DD
RGB	141, 146, 221
RGB Percent	55%, 57%, 87%
CMY	0.4470, 0.4274, 0.1333
CMYK	0.36, 0.34, 0.00, 0.13
HSL	236°, 54%, 71%
HSV	236°, 36%, 87%
XYZ	34.3145, 31.4409, 72.6668
YIQ	153.0550, -27.0550, 22.2650

Conversions

Conversions Part 2

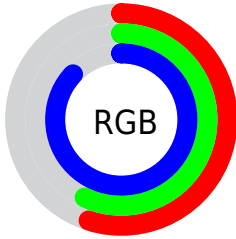
Format	Color
R_{YB}	141, 146, 221
Decimal	9278173
CIE _{Lab}	62.88, 16.04, -38.78
CIE _{LCh}	63, 41.966, 292.464
Yxy	31.4409, 0.2479, 0.2271
Android (android.graphics.Color)	4287468253 (0xFF8D92DD)
YUV	153.0550, 33.4969, -10.5722
Hunter-Lab	56.0722, 11.1103, -37.5864

Details

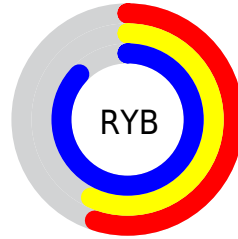
The XYZ color **34.3145, 31.4409, 72.6668** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.1833, 66.4081, 34.8994**, and the grayscale version is **30.1704, 31.7416, 34.5666**.

A 20% lighter version of the original color is **61.7302, 60.3989, 103.0124**, and **14.9963, 13.1452, 37.8233** is the 20% darker color. If you saturate the color by 10%, you get **28.0153, 23.8747, 71.5390**, and if you desaturate by 10%, it is **41.9445, 40.5535, 74.0241**.

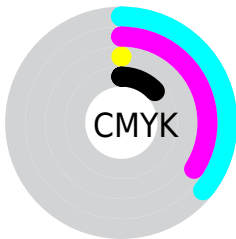
Distribution



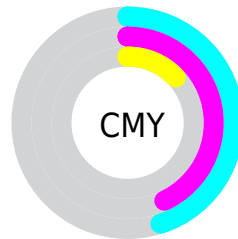
- Red (55%)
- Green (57%)
- Blue (87%)



- Red (55%)
- Yellow (57%)
- Blue (87%)



- Cyan (36%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3145, 31.4409, 72.6668 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 34.3145, 31.4409, 72.6668 by changing the saturation by 10% instead.

■ 34.3145, 31.4409,
72.6668

■ 34.3145, 31.4409,
72.6668

313.0934,
308.5644, 488.8990

■ 23.2993, 20.9348,
53.2134

■ 65.7635, 61.9336,
124.7206

■ 14.9366, 13.0764,
37.5843

■ 86.9280, 82.6889,
158.1581

■ 8.8609, 7.4811,
25.3609

112.2064,
107.6295, 197.0940

■ 4.7070, 3.7648,
16.1246

141.9640,
137.1397, 241.9469

■ 2.1094, 1.5429,
9.4571

176.5661,
171.6039, 293.1353

■ 0.6943, 0.3186,
4.9396

216.3782,

■ 0.0000, 0.0000,

211.4065, 351.0777

2.1538

261.7655,
256.9319, 416.1928

■ 0.0000, 0.0000,
0.6475

■ 0.0000, 0.0000,
0.0000

■ 34.3145, 31.4409,
72.6668

■ 34.3145, 31.4409,
72.6668

■ 28.0153, 23.8747,
71.5390

■ 41.9445, 40.5535,
74.0241

■ 22.9674, 17.7658,
70.6259

■ 50.9719, 51.2880,
75.6203

■ 19.0881, 13.0211,
69.9145

■ 61.4631, 63.7193,
77.4668

■ 16.2832, 9.5357,
69.3896

■ 73.4791, 77.9165,
79.5739

■ 14.4440, 7.1891,
69.0336

■ 87.0774, 93.9448,
81.9509

■ 13.4374, 5.8367,
68.8256

■ 90.0513, 98.0005,
82.5770

■ 13.2058, 5.5295,
68.7785

Harmonies

Analogous

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



28.4557, 31.4409, 76.2437



34.3145, 31.4409, 72.6668



39.5455, 31.4409, 57.4003

Triad

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



34.3145, 31.4409, 72.6668



37.1454, 31.4409, 14.7508



20.2009, 31.4409, 30.2433

Complementary

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



34.3145, 31.4409, 72.6668



59.1833, 66.4081, 34.8994

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.



21.9395, 31.4409, 18.3278



34.3145, 31.4409, 72.6668



31.3586, 31.4409, 11.4468

Square

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



34.3145, 31.4409, 72.6668



41.3207, 31.4409, 23.4960



25.8516, 31.4409, 12.5045



20.7795, 31.4409, 47.8273

Rectangle

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



34.3145, 31.4409, 72.6668



41.7259, 31.4409, 44.6982



25.8516, 31.4409, 12.5045



20.5251, 31.4409, 25.5451

Sweetspot

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



34.3156, 31.4421, 72.6675



77.6500, 79.4171, 105.8442



49.1935, 62.3171, 74.1764



16.1994, 16.4997, 22.5809



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.



34.3156, 31.4421, 72.6675



41.0499, 35.7938, 99.3531



40.4064, 33.4628, 72.7366



12.4037, 12.7471, 16.4588



7.6994, 3.2682, 39.9634



0.5223, 0.2587, 2.5969

Inverse Universe

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



44.5330, 36.4984, 31.8929



57.1030, 43.8916, 35.2549



50.9959, 64.1177, 34.8888



13.0889, 13.0646, 13.7293



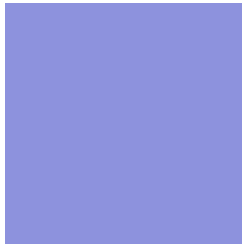
17.3816, 8.9537, 1.1238



1.1379, 0.5848, 0.1353

Previews

White Background



This preview shows how the XYZ color 34.3145, 31.4409, 72.6668 looks on a white background.

Color Contrast Check

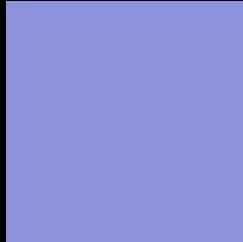
Large Text (above 18pt) WCAG AA × Fail

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 34.3145, 31.4409, 72.6668 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 34.3145, 31.4409, 72.6668

Background



This preview shows how black text looks on a background with the XYZ color 34.3145, 31.4409, 72.6668.



This preview shows how white text looks on a background with the XYZ color 34.3145, 31.4409,

72.6668.

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

34.3145, 31.4409, 72.6668

Protanopia

32.9544, 31.3887, 74.8428

Deuteranopia

32.4423, 31.6605, 72.1113



Tritanopia

28.1032, 31.3086, 42.0981

Trichromacy



Original Color

34.3145, 31.4409, 72.6668

Protanomaly

33.4249, 31.4131, 74.1137

Deuteranomaly

33.0258, 31.4875, 72.0472

Tritanomaly

29.9782, 31.0739, 51.9948

Monochromacy



Original Color

34.3145, 31.4409, 72.6668

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.3367, 31.4166, 46.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3145, 31.4409, 72.6668 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(141, 146, 221)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 221)  
}
```

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(141, 146, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 221) }
```

Border

The CSS property to change the border of an element to XYZ 34.3145, 31.4409, 72.6668 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(141, 146, 221) }
```


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

```
.border{ border-color:rgb(141, 146, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 146, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 221);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3145, 31.4409, 72.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 221) }
```

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

```
.background{ background-color: rgb(141,  
146, 221) }
```

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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