

Converting Colors

XYZ(32.9765, 31.5335, 62.2161)

Have a look what the booklet for
XYZ(32.9765, 31.5335, 62.2161)
contains.

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Color

**XYZ(32.9370, 31.4272,
62.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	8F94CD
RGB	143, 148, 205
RGB Percent	56%, 58%, 80%
CMY	0.4392, 0.4196, 0.1961
CMYK	0.30, 0.28, 0.00, 0.20
HSL	235°, 38%, 68%
HSV	235°, 30%, 80%
XYZ	32.9370, 31.4272, 62.0877
YIQ	153.0030, -21.2770, 16.6670

Conversions

Conversions Part 2

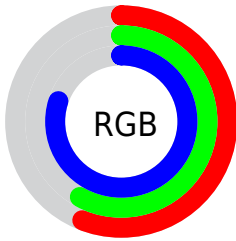
Format	Color
R_{YB}	143, 148, 205
Decimal	9409741
CIE _{Lab}	62.87, 11.26, -29.87
CIE _{LCh}	63, 31.922, 290.646
Yxy	31.4272, 0.2605, 0.2485
Android (android.graphics.Color)	4287599821 (0xFF8F94CD)
YUV	153.0030, 25.6345, -8.7726
Hunter-Lab	56.0600, 6.7694, -26.4231

Details

The XYZ color **32.9370, 31.4272, 62.0877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7896, 56.2713, 34.1722**, and the grayscale version is **30.1790, 31.7507, 34.5765**.

A 20% lighter version of the original color is **62.4592, 61.4668, 103.1801**, and **14.2680, 13.1939, 31.0728** is the 20% darker color. If you saturate the color by 10%, you get **26.9878, 24.3239, 61.0307**, and if you desaturate by 10%, it is **40.0181, 39.8299, 63.3369**.

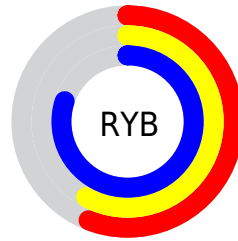
Distribution



Red (56%)

Green (58%)

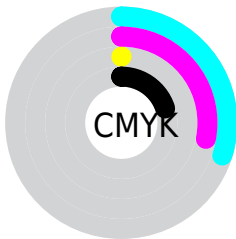
Blue (80%)



Red (56%)

Yellow (58%)

Blue (80%)

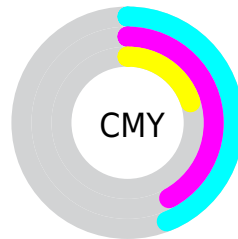


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9370, 31.4272, 62.0877 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 32.9370, 31.4272, 62.0877 by changing the saturation by 10% instead.

■ 32.9370, 31.4272,
62.0877

■ 32.9370, 31.4272,
62.0877

307.0358,
308.5016, 450.2674

■ 22.2372, 20.9244,
44.6673

■ 63.6325, 61.9120,
109.4251

■ 14.1489, 13.0687,
30.8544

■ 84.3589, 82.6628,
140.1792

■ 8.3067, 7.4759,
20.2305

109.1582,
107.5984, 176.2149

■ 4.3453, 3.7615,
12.3770

138.3958,
137.1031, 217.9509

■ 1.8992, 1.5410,
6.8753

172.4369,
171.5614, 265.8056

■ 0.5764, 0.3174,
3.3070

211.6471,

■ 0.0000, 0.0000,

211.3577, 320.1975

1.2534

256.3916,
256.8763, 381.5453

■ 0.0000, 0.0000,
0.0232

■ 0.0000, 0.0000,
0.0000

■ 32.9370, 31.4272,
62.0877

■ 32.9370, 31.4272,
62.0877

■ 26.9878, 24.3239,
61.0307

■ 40.0181, 39.8299,
63.3369

■ 22.1087, 18.4515,
60.1544

■ 48.2824, 49.5885,
64.7849

■ 18.2369, 13.7410,
59.4492

■ 57.7816, 60.7607,
66.4407

■ 15.3016, 10.1148,
58.9040

■ 68.5637, 73.3997,
68.3120

■ 13.2227, 7.4860,
58.5062

■ 80.6740, 87.5560,
70.4062

■ 11.9068, 5.7541,
58.2412

■ 88.0196, 97.1878,
71.8782

■ 11.2128, 4.7944,
58.0926

Harmonies

Analogous

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



28.5237, 31.4272, 63.9315



32.9370, 31.4272, 62.0877



36.8613, 31.4272, 51.8883

Triad

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



32.9370, 31.4272, 62.0877



35.5306, 31.4272, 18.7620



22.3132, 31.4272, 30.4495

Complementary

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



32.9370, 31.4272, 62.0877



50.7896, 56.2713, 34.1722

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.



23.8249, 31.4272, 21.0992



32.9370, 31.4272, 62.0877



31.2593, 31.4272, 15.5226

Square

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



32.9370, 31.4272, 62.0877



38.4573, 31.4272, 26.4054



27.0007, 31.4272, 16.2585



22.6679, 31.4272, 43.4391

Rectangle

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



32.9370, 31.4272, 62.0877



38.5342, 31.4272, 42.8429



27.0007, 31.4272, 16.2585



22.6139, 31.4272, 26.8375

Sweetspot

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



32.9381, 31.4284, 62.0884



80.7396, 83.1734, 106.4064



43.5656, 53.6653, 62.6044



16.8207, 17.2595, 22.6948



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.



32.9381, 31.4284, 62.0884



47.6835, 44.0041, 100.5882



37.1693, 32.4703, 62.0665



10.6733, 10.9870, 14.1285



7.0087, 3.0414, 36.1739



0.3874, 0.2085, 1.8748

Inverse Universe

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



40.3455, 34.7632, 32.6017



61.6857, 50.4507, 44.8172



45.4190, 55.2501, 34.2581



11.2484, 11.2281, 11.8429



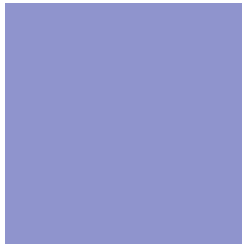
15.7486, 8.1100, 1.1287



0.8255, 0.4236, 0.1268

Previews

White Background



This preview shows how the XYZ color 32.9370, 31.4272, 62.0877 looks on a white background.

Color Contrast Check

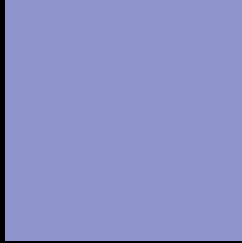
Large Text (above 18pt) WCAG AA × Fail

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 32.9370, 31.4272, 62.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

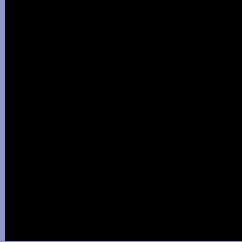
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9370, 31.4272, 62.0877

Background



This preview shows how black text looks on a background with the XYZ color 32.9370, 31.4272, 62.0877.



This preview shows how white text looks on a background with the XYZ color 32.9370, 31.4272,

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

32.9370, 31.4272, 62.0877

Protanopia

32.2003, 31.5032, 62.7761

Deuteranopia

32.2423, 31.5388, 62.1459



Tritanopia

28.6881, 31.3836, 41.1048

Trichromacy



Original Color

32.9370, 31.4272, 62.0877

Protanomaly

32.5355, 31.4401, 62.7463

Deuteranomaly

32.4144, 31.3916, 62.1084

Tritanomaly

30.0500, 31.1959, 48.1537

Monochromacy



Original Color

32.9370, 31.4272, 62.0877

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9074, 31.5013, 43.4811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9370, 31.4272, 62.0877 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(143, 148, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 205)  
}
```

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(143, 148, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 205) }
```

Border

The CSS property to change the border of an element to XYZ 32.9370, 31.4272, 62.0877 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(143, 148, 205) }
```


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

```
.border{ border-color:rgb(143, 148, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 148, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 148, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 148, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 148,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9370, 31.4272, 62.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 205) }
```

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

```
.background{ background-color: rgb(143,  
148, 205) }
```

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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