

Converting Colors

XYZ(31.4273, 30.4303, 52.8664)

Have a look what the booklet for
XYZ(31.4273, 30.4303, 52.8664)
contains.

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Color

**XYZ(31.4272, 30.3865,
52.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	9292BE
RGB	146, 146, 190
RGB Percent	57%, 57%, 75%
CMY	0.4274, 0.4274, 0.2549
CMYK	0.23, 0.23, 0.00, 0.25
HSL	240°, 25%, 66%
HSV	240°, 23%, 75%
XYZ	31.4272, 30.3865, 52.9240
YIQ	151.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

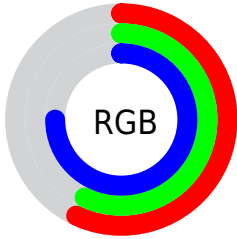
Format	Color
RYB	146, 146, 190
Decimal	9605822
CIELab	61.99, 9.60, -22.79
CIELCh	62, 24.731, 292.840
Yxy	30.3865, 0.2739, 0.2648
Android (android.graphics.Color)	4287795902 (0xFF9292BE)
YUV	151.0160, 19.2191, -4.3990
Hunter-Lab	55.1240, 5.2993, -18.3370

Details

The XYZ color **31.4272, 30.3865, 52.9240** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8373, 49.8494, 34.4537**, and the grayscale version is **29.3478, 30.8761, 33.6241**.

A 20% lighter version of the original color is **61.3762, 60.3799, 95.6084**, and **13.3461, 12.5762, 25.0166** is the 20% darker color. If you saturate the color by 10%, you get **25.6369, 23.4097, 51.8830**, and if you desaturate by 10%, it is **38.2675, 38.6286, 54.1549**.

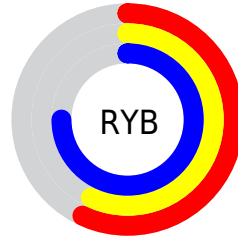
Distribution



Red (57%)

Green (57%)

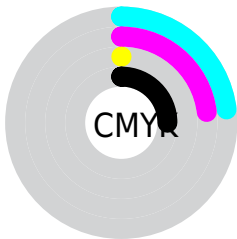
Blue (75%)



Red (57%)

Yellow (57%)

Blue (75%)

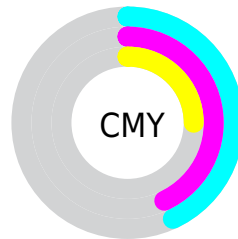


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4272, 30.3865, 52.9240 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 31.4272, 30.3865, 52.9240 by changing the saturation by 10% instead.

■ 31.4272, 30.3865,
52.9240

■ 31.4272, 30.3865,
52.9240

300.2935,
303.7019, 415.0515

■ 21.0778, 20.1321,
37.3548

■ 61.2833, 60.2729,
95.9329

■ 13.2937, 12.4911,
25.1844

■ 81.5207, 80.6737,
124.2098

■ 7.7095, 7.0791,
15.9942

105.7848,
105.2254, 157.5595

■ 3.9598, 3.5116,
9.3657

134.4410,
134.3125, 196.4008

■ 1.6794, 1.4043,
4.8804

167.8546,
168.3192, 241.1521

■ 0.4433, 0.2199,
2.1198

206.3910,

■ 0.0000, 0.0000,

207.6301, 292.2319

0.6275

250.4155,
252.6296, 350.0589

■ 0.0000, 0.0000,
0.0000

■ 31.4272, 30.3865,
52.9240

■ 31.4272, 30.3865,
52.9240

■ 25.6369, 23.4097,
51.8830

■ 38.2675, 38.6286,
54.1549

■ 20.8419, 17.6320,
51.0206

■ 46.2030, 48.1903,
55.5822

■ 16.9871, 12.9872,
50.3272

■ 55.2800, 59.1273,
57.2149

■ 14.0108, 9.4009,
49.7918

■ 65.5409, 71.4910,
59.0605

■ 11.8438, 6.7898,
49.4020

■ 77.0264, 85.3301,
61.1263

■ 10.4068, 5.0582,
49.1436

■ 86.2944, 96.4977,
62.7934

■ 9.6044, 4.0913,
48.9992

■ 9.2944, 3.7179,
48.9435

Harmonies

Analogous

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



28.0942, 30.3865, 54.7069



31.4272, 30.3865, 52.9240



34.2655, 30.3865, 45.3840

Triad

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



31.4272, 30.3865, 52.9240



32.9057, 30.3865, 20.5646



23.0070, 30.3865, 30.8621

Complementary

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



31.4272, 30.3865, 52.9240



44.8373, 49.8494, 34.4537

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.



24.0932, 30.3865, 23.2379



31.4272, 30.3865, 52.9240



29.6833, 30.3865, 18.0762

Square

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



31.4272, 30.3865, 52.9240



35.1636, 30.3865, 26.4931



26.4770, 30.3865, 18.9515



23.3960, 30.3865, 40.6902

Rectangle

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



31.4272, 30.3865, 52.9240



35.4106, 30.3865, 38.7697



26.4770, 30.3865, 18.9515



23.2087, 30.3865, 27.9864

Sweetspot

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



31.4282, 30.3877, 52.9247



77.7939, 80.1796, 99.6552



39.4825, 46.6242, 55.2150



16.8882, 17.3722, 21.8484



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.4282, 30.3877, 52.9247



51.1629, 48.0912, 94.8651



35.5666, 32.5209, 53.1183



9.0166, 9.2254, 11.9777



6.1802, 2.4722, 32.5443



0.2421, 0.0969, 1.2748

Inverse Universe

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



36.7032, 33.5811, 31.7428



62.4654, 54.9334, 49.4800



39.9075, 47.3084, 34.2230



9.5302, 9.5364, 9.9151



14.1203, 7.2793, 0.6610



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 31.4272, 30.3865, 52.9240 looks on a white background.

Color Contrast Check

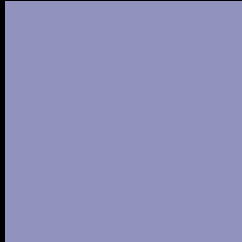
Large Text (above 18pt) WCAG AA × Fail

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 31.4272, 30.3865, 52.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

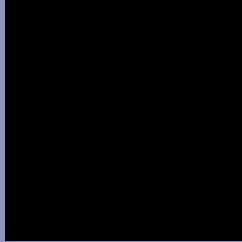
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4272, 30.3865, 52.9240

Background



This preview shows how black text looks on a background with the XYZ color 31.4272, 30.3865, 52.9240.



This preview shows how white text looks on a background with the XYZ color 31.4272, 30.3865,

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

31.4272, 30.3865, 52.9240

Protanopia

30.6413, 30.4304, 53.5489

Deuteranopia

31.0557, 30.4248, 52.9510



Tritanopia

28.6620, 30.4403, 39.0152

Trichromacy



Original Color

31.4272, 30.3865, 52.9240

Protanomaly

30.9930, 30.3798, 53.5206

Deuteranomaly

31.2296, 30.5144, 52.9591

Tritanomaly

29.6180, 30.3517, 43.8326

Monochromacy



Original Color

31.4272, 30.3865, 52.9240

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9334, 30.6011, 39.9262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4272, 30.3865, 52.9240 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(146, 146, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 190)  
}
```

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(146, 146, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 190) }
```

Border

The CSS property to change the border of an element to XYZ 31.4272, 30.3865, 52.9240 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(146, 146, 190) }
```


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

```
.border{ border-color:rgb(146, 146, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4272, 30.3865, 52.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 190) }
```

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

```
.background{ background-color: rgb(146,  
146, 190) }
```

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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