

Converting Colors

XYZ(31.3647, 30.9460, 54.1831)

Have a look what the booklet for
XYZ(31.3647, 30.9460, 54.1831)
contains.

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Color

**XYZ(31.4172, 31.0514,
54.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	8E95C0
RGB	142, 149, 192
RGB Percent	56%, 58%, 75%
CMY	0.4431, 0.4157, 0.2471
CMYK	0.26, 0.22, 0.00, 0.25
HSL	232°, 28%, 65%
HSV	232°, 26%, 75%
XYZ	31.4172, 31.0514, 54.2068
YIQ	151.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

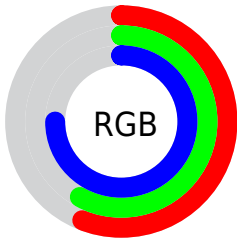
Format	Color
R_{YB}	142, 148, 192
Decimal	9344448
CIE _{Lab}	62.55, 7.13, -23.08
CIE _{LCh}	63, 24.155, 287.166
Yxy	31.0514, 0.2693, 0.2661
Android (android.graphics.Color)	4287534528 (0xFF8E95C0)
YUV	151.8090, 19.8142, -8.6025
Hunter-Lab	55.7238, 3.1221, -18.6693

Details

The XYZ color **31.4172, 31.0514, 54.2068** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9702, 47.8578, 32.5122**, and the grayscale version is **29.6864, 31.2324, 34.0120**.

A 20% lighter version of the original color is **61.2198, 61.2872, 98.2255**, and **13.2695, 12.7945, 25.8150** is the 20% darker color. If you saturate the color by 10%, you get **25.9727, 24.6382, 53.2564**, and if you desaturate by 10%, it is **37.8015, 38.5003, 55.3086**.

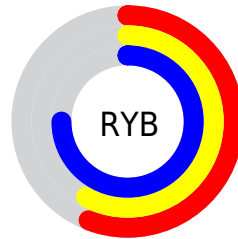
Distribution



Red (56%)

Green (58%)

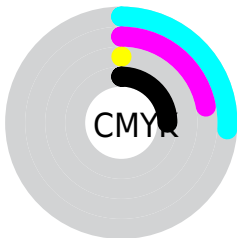
Blue (75%)



Red (56%)

Yellow (58%)

Blue (75%)

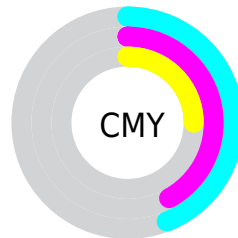


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4172, 31.0514, 54.2068 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 31.4172, 31.0514, 54.2068 by changing the saturation by 10% instead.

■ 31.4172, 31.0514,
54.2068

■ 31.4172, 31.0514,
54.2068

300.2485,
306.7750, 420.0950

■ 21.0701, 20.6380,
38.3727

■ 61.2677, 61.3210,
97.8373

■ 13.2880, 12.8596,
25.9680

■ 81.5018, 81.9460,
126.4708

■ 7.7055, 7.3320,
16.5742

105.7624,
106.7436, 160.2078

■ 3.9573, 3.6706,
9.7726

134.4147,
136.0982, 199.4669

■ 1.6780, 1.4910,
5.1448

167.8241,
170.3943, 244.6666

■ 0.4425, 0.2824,
2.2723

206.3559,

■ 0.0000, 0.0000,

210.0162, 296.2255

0.7156

250.3756,
255.3483, 354.5621

■ 0.0000, 0.0000,
0.0000

■ 31.4172, 31.0514,
54.2068

■ 31.4172, 31.0514,
54.2068

■ 25.9727, 24.6382,
53.2564

■ 37.8015, 38.5003,
55.3086

■ 21.4204, 19.2111,
52.4488

■ 45.1642, 47.0243,
56.5659

■ 17.7130, 14.7217,
51.7777

■ 53.5454, 56.6653,
57.9850

■ 14.7978, 11.1162,
51.2354

■ 62.9819, 67.4618,
59.5716

■ 12.6156, 8.3352,
50.8136

■ 73.5090, 79.4505,
61.3308

■ 11.0990, 6.3115,
50.5029

■ 84.3447, 92.2461,
63.2295

■ 10.1653, 4.9660,
50.2924

■ 86.5145, 96.5858,
63.9528

■ 9.9038, 4.5843,
50.2325

Harmonies

Analogous

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



28.1324, 31.0514, 54.6930



31.4172, 31.0514, 54.2068



34.3921, 31.0514, 47.6605

Triad

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



31.4172, 31.0514, 54.2068



34.0196, 31.0514, 22.2032



23.7731, 31.0514, 29.9484

Complementary

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



31.4172, 31.0514, 54.2068



43.9702, 47.8578, 32.5122

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.



25.1194, 31.0514, 22.9416



31.4172, 31.0514, 54.2068



30.9389, 31.0514, 19.0609

Square

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



31.4172, 31.0514, 54.2068



35.9694, 31.0514, 28.7467



27.6882, 31.0514, 19.3034



23.8802, 31.0514, 39.4347

Rectangle

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



31.4172, 31.0514, 54.2068



35.7261, 31.0514, 41.3270



27.6882, 31.0514, 19.3034



24.0663, 31.0514, 27.2641

Sweetspot

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



31.4182, 31.0526, 54.2075



78.8993, 81.8158, 101.9939



38.7100, 46.9324, 52.6419



16.4790, 17.0349, 21.8048



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.



31.4182, 31.0526, 54.2075



51.3384, 49.6969, 97.2469



33.5857, 30.5749, 54.0011



9.6396, 9.9704, 12.7013



6.6986, 3.1537, 33.8123



0.3270, 0.2114, 1.4735

Inverse Universe

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



36.8369, 32.7234, 32.8097



62.7994, 53.4054, 51.9497



41.3000, 48.7091, 32.8173



10.1294, 10.1004, 10.7718



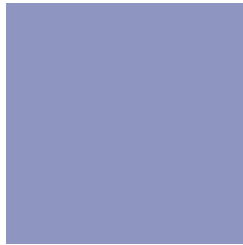
14.7771, 7.6006, 1.4724



0.6574, 0.3360, 0.1635

Previews

White Background



This preview shows how the XYZ color 31.4172, 31.0514, 54.2068 looks on a white background.

Color Contrast Check

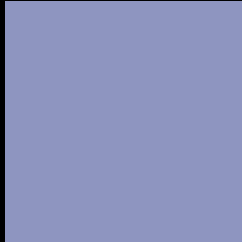
Large Text (above 18pt) WCAG AA × Fail

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 31.4172, 31.0514, 54.2068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

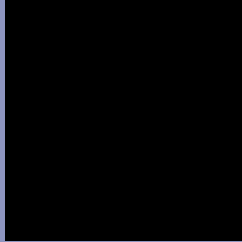
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4172, 31.0514, 54.2068

Background



This preview shows how black text looks on a background with the XYZ color 31.4172, 31.0514, 54.2068.



This preview shows how white text looks on a background with the XYZ color 31.4172, 31.0514,

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

31.4172, 31.0514, 54.2068

Protanopia

31.0771, 30.8761, 54.1909

Deuteranopia

31.6059, 30.9149, 54.1705



Tritanopia

28.7551, 31.1827, 40.5797

Trichromacy



Original Color

31.4172, 31.0514, 54.2068

Protanomaly

31.2464, 30.9634, 54.1988

Deuteranomaly

31.4320, 30.8252, 54.1624

Tritanomaly

29.6136, 31.0406, 44.9881

Monochromacy



Original Color

31.4172, 31.0514, 54.2068

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2544, 31.2191, 40.9905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4172, 31.0514, 54.2068 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(142, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 149, 192)  
}
```

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(142, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 149, 192) }
```

Border

The CSS property to change the border of an element to XYZ 31.4172, 31.0514, 54.2068 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(142, 149, 192) }
```


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

```
.border{ border-color:rgb(142, 149, 192) }
```

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

Here you see how a box with a 4 pixel rgb(142, 149, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 149,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4172, 31.0514, 54.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 149, 192) }
```

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

```
.background{ background-color: rgb(142,  
149, 192) }
```

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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