

Converting Colors

XYZ(31.2853, 31.4307, 55.4570)

Have a look what the booklet for
XYZ(31.2853, 31.4307, 55.4570)
contains.

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Color

**XYZ(31.2854, 31.4315,
55.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	8A97C2
RGB	138, 151, 194
RGB Percent	54%, 59%, 76%
CMY	0.4588, 0.4078, 0.2392
CMYK	0.29, 0.22, 0.00, 0.24
HSL	226°, 31%, 65%
HSV	226°, 29%, 76%
XYZ	31.2854, 31.4315, 55.4569
YIQ	152.0150, -21.5510, 10.6170

Conversions

Conversions Part 2

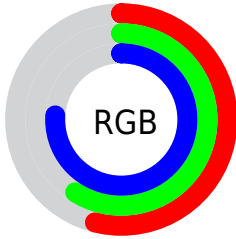
Format	Color
R_{YB}	138, 149, 194
Decimal	9082818
CIE _{Lab}	62.87, 5.27, -23.74
CIE _{LCh}	63, 24.316, 282.515
Y _{xy}	31.4315, 0.2647, 0.2660
Android (android.graphics.Color)	4287272898 (0xFF8A97C2)
YUV	152.0150, 20.6986, -12.2912
Hunter-Lab	56.0638, 1.4971, -19.4035

Details

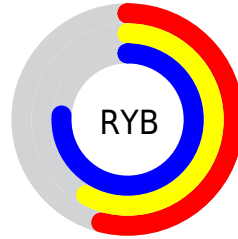
The XYZ color **31.2854, 31.4315, 55.4569** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3599, 46.3524, 30.7072**, and the grayscale version is **29.7724, 31.3229, 34.1107**.

A 20% lighter version of the original color is **60.9821, 61.8341, 99.9879**, and **13.1285, 12.9862, 26.6256** is the 20% darker color. If you saturate the color by 10%, you get **26.1102, 25.4274, 54.5713**, and if you desaturate by 10%, it is **37.3389, 38.3395, 56.4718**.

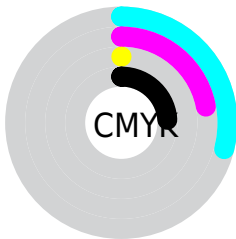
Distribution



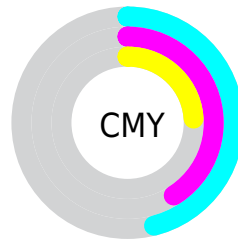
- Red (54%)
- Green (59%)
- Blue (76%)



- Red (54%)
- Yellow (58%)
- Blue (76%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2854, 31.4315, 55.4569 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 31.2854, 31.4315, 55.4569 by changing the saturation by 10% instead.

■ 31.2854, 31.4315,
55.4569

■ 31.2854, 31.4315,
55.4569

299.6545,
308.5213, 424.9722

■ 20.9692, 20.9276,
39.3666

■ 61.0619, 61.9188,
99.6879

■ 13.2138, 13.0711,
26.7350

■ 81.2529, 82.6710,
128.6657

■ 7.6539, 7.4775,
17.1436

■ 105.4662,
107.6082, 162.7764

■ 3.9243, 3.7625,
10.1739

134.0671,
137.1146, 202.4385

■ 1.6594, 1.5416,
5.4073

167.4211,
171.5747, 248.0706

■ 0.4306, 0.3178,
2.4253

205.8934,

■ 0.0000, 0.0000,

211.3730, 300.0912

0.8002

249.8494,
256.8937, 358.9189

■ 0.0000, 0.0000,
0.0000

■ 31.2854, 31.4315,
55.4569

■ 31.2854, 31.4315,
55.4569

■ 26.1102, 25.4274,
54.5713

■ 37.3389, 38.3395,
56.4718

■ 21.7684, 20.2851,
53.8076

■ 44.3065, 46.1836,
57.6186

■ 18.2158, 15.9650,
53.1609

■ 52.2258, 54.9988,
58.9027

■ 15.4025, 12.4222,
52.6254

■ 61.1313, 64.8175,
60.3285

■ 13.2728, 9.6077,
52.1944

■ 71.0558, 75.6701,
61.9002

■ 11.7622, 7.4659,
51.8606

■ 82.0304, 87.5861,
63.6218

■ 10.7710, 5.9208,
51.6146

■ 86.7377, 96.6751,
65.1281

■ 10.6776, 5.7749,
51.5914

Harmonies

Analogous

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



27.9897, 31.4315, 54.8903



31.2854, 31.4315, 55.4569



34.4195, 31.4315, 49.6179

Triad

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



31.2854, 31.4315, 55.4569



34.8533, 31.4315, 23.2558



24.1681, 31.4315, 28.9985

Complementary

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



31.2854, 31.4315, 55.4569



43.3599, 46.3524, 30.7072

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.



25.7487, 31.4315, 22.3964



31.2854, 31.4315, 55.4569



31.8425, 31.4315, 19.5297

Square

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



31.2854, 31.4315, 55.4569



36.5799, 31.4315, 30.3975



28.5071, 31.4315, 19.2475



24.0434, 31.4315, 38.3579

Rectangle

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



31.2854, 31.4315, 55.4569



35.9300, 31.4315, 43.4150



28.5071, 31.4315, 19.2475



24.5411, 31.4315, 26.4306

Sweetspot

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



31.2864, 31.4327, 55.4576



79.8980, 83.2542, 104.3284



38.1074, 47.3210, 50.8063



17.0648, 17.7477, 22.7762



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.



31.2864, 31.4327, 55.4576



50.2376, 49.4923, 99.3750



31.9512, 28.8387, 54.9219



9.7139, 10.1191, 12.7260



7.0730, 3.9025, 33.9371



0.3602, 0.2777, 1.4845

Inverse Universe

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



36.9233, 31.8816, 33.4871



62.3154, 50.8498, 52.2116



42.4857, 50.0108, 31.4595



10.1669, 10.1154, 10.9693



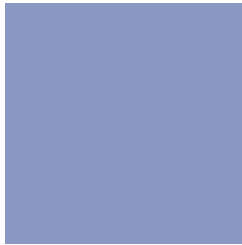
14.9661, 7.6762, 2.4676



0.6742, 0.3427, 0.2516

Previews

White Background



This preview shows how the XYZ color 31.2854, 31.4315, 55.4569 looks on a white background.

Color Contrast Check

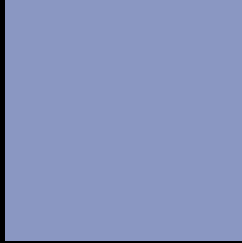
Large Text (above 18pt) WCAG AA × Fail

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 31.2854, 31.4315, 55.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

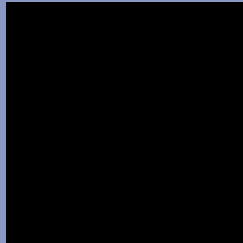
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2854, 31.4315, 55.4569

Background



This preview shows how black text looks on a background with the XYZ color 31.2854, 31.4315, 55.4569.



This preview shows how white text looks on a background with the XYZ color 31.2854, 31.4315,

55.4569.

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

31.2854, 31.4315, 55.4569

Protanopia

31.5165, 31.3257, 54.8374

Deuteranopia

31.9867, 31.3192, 55.3983



Tritanopia

28.6292, 31.5906, 41.6345

Trichromacy



Original Color

31.2854, 31.4315, 55.4569

Protanomaly

31.3472, 31.2384, 54.8295

Deuteranomaly

31.7993, 31.4585, 55.4350

Tritanomaly

29.4831, 31.4364, 46.1089

Monochromacy



Original Color

31.2854, 31.4315, 55.4569

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2359, 31.4495, 41.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2854, 31.4315, 55.4569 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(138, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(138, 151, 194)  
}
```

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(138, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 151, 194) }
```

Border

The CSS property to change the border of an element to XYZ 31.2854, 31.4315, 55.4569 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(138, 151, 194) }
```


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

```
.border{ border-color:rgb(138, 151, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 151, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(138, 151,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2854, 31.4315, 55.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 151, 194) }
```

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

```
.background{ background-color: rgb(138,  
151, 194) }
```

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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