

Converting Colors

XYZ(31.4053, 28.5585, 54.9025)

Have a look what the booklet for
XYZ(31.4053, 28.5585, 54.9025)
contains.

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Color

**XYZ(31.4038, 28.5560,
54.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	968AC2
RGB	150, 138, 194
RGB Percent	59%, 54%, 76%
CMY	0.4118, 0.4588, 0.2392
CMYK	0.23, 0.29, 0.00, 0.24
HSL	253°, 31%, 65%
HSV	253°, 29%, 76%
XYZ	31.4038, 28.5560, 54.8956
YIQ	147.9720, -10.8240, 19.9600

Conversions

Conversions Part 2

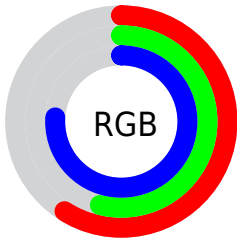
Format	Color
R_{YB}	150, 138, 194
Decimal	9865922
CIE _{Lab}	60.39, 16.40, -27.48
CIE _{LCh}	60, 32.001, 300.838
Yxy	28.5560, 0.2734, 0.2486
Android (android.graphics.Color)	4288056002 (0xFF968AC2)
YUV	147.9720, 22.6918, 1.7786
Hunter-Lab	53.4378, 11.3829, -23.5010

Details

The XYZ color **31.4038, 28.5560, 54.8956** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1712, 50.3642, 31.4917**, and the grayscale version is **28.0491, 29.5098, 32.1362**.

A 20% lighter version of the original color is **61.2202, 57.2058, 99.0820**, and **13.2604, 11.4696, 26.3259** is the 20% darker color. If you saturate the color by 10%, you get **26.2404, 22.1254, 53.9270**, and if you desaturate by 10%, it is **37.4311, 36.1713, 56.0483**.

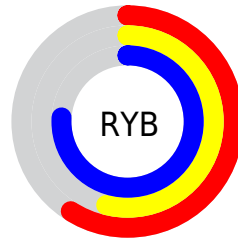
Distribution



Red (59%)

Green (54%)

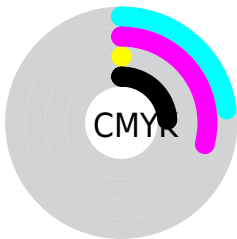
Blue (76%)



Red (59%)

Yellow (54%)

Blue (76%)

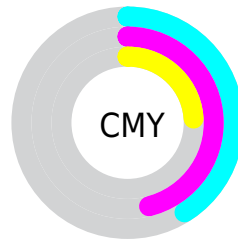


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4038, 28.5560, 54.8956 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 31.4038, 28.5560, 54.8956 by changing the saturation by 10% instead.

■ 31.4038, 28.5560,
54.8956

■ 31.4038, 28.5560,
54.8956

300.1881,
295.1142, 422.7869

■ 21.0599, 18.7452,
38.9201

■ 61.2468, 57.3709,
98.8576

■ 13.2805, 11.4863,
26.3902

■ 81.4765, 77.1438,
127.6812

■ 7.7003, 6.3949,
16.8874

■ 105.7323,
101.0062, 161.6245

■ 3.9540, 3.0867,
9.9931

134.3793,
129.3425, 201.1062

■ 1.6761, 1.1772,
5.2889

167.7831,
162.5370, 246.5447

■ 0.4413, 0.0429,
2.3560

206.3089,

■ 0.0000, 0.0000,

200.9742, 298.3587

0.7624

250.3221,
245.0385, 356.9665

■ 0.0000, 0.0000,
0.0000

■ 31.4038, 28.5560,
54.8956

■ 31.4038, 28.5560,
54.8956

■ 26.2404, 22.1254,
53.9270

■ 37.4311, 36.1713,
56.0483

■ 21.8977, 16.8158,
53.1310

■ 44.3572, 45.0236,
57.3919

■ 18.3327, 12.5630,
52.4980

■ 52.2185, 55.1664,
58.9353

■ 15.4976, 9.2945,
52.0166

■ 61.0485, 66.6488,
60.6863

■ 13.3385, 6.9286,
51.6737

■ 70.8790, 79.5174,
62.6521

■ 11.7939, 5.3698,
51.4542

■ 81.7404, 93.8168,
64.8396

■ 10.7706, 4.4630,
51.3332

■ 86.7377, 96.6751,
65.1280

■ 10.6751, 4.3783,
51.3218

Harmonies

Analogous

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



27.2575, 28.5560, 59.7069



31.4038, 28.5560, 54.8956



34.6555, 28.5560, 43.4962

Triad

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



31.4038, 28.5560, 54.8956



31.1835, 28.5560, 15.2032



19.9727, 28.5560, 31.4251

Complementary

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



31.4038, 28.5560, 54.8956



43.1712, 50.3642, 31.4917

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.



20.8008, 28.5560, 21.3044



31.4038, 28.5560, 54.8956



27.0261, 28.5560, 13.4903

Square

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



31.4038, 28.5560, 54.8956



34.5195, 28.5560, 20.8615



23.2837, 28.5560, 15.4098



20.8978, 28.5560, 44.2179

Rectangle

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



31.4038, 28.5560, 54.8956



35.7282, 28.5560, 34.8431



23.2837, 28.5560, 15.4098



20.0544, 28.5560, 27.6214

Sweetspot

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



31.4048, 28.5571, 54.8963



79.9922, 81.0939, 103.9064



37.1119, 43.0836, 57.3993



17.0882, 17.2079, 22.6708



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.



31.4048, 28.5571, 54.8963



50.4689, 43.7114, 98.2469



37.0040, 31.4436, 55.1583



9.7256, 9.8497, 12.6734



7.0760, 2.9082, 33.7450



0.3655, 0.1565, 1.4608

Inverse Universe

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



39.7808, 33.0247, 48.5342



68.3819, 53.2763, 84.1570



37.3593, 47.3680, 31.2197



10.4019, 10.2094, 12.2068



18.4079, 9.0529, 20.5918



0.8190, 0.4006, 1.0142

Previews

White Background



This preview shows how the XYZ color 31.4038, 28.5560, 54.8956 looks on a white background.

Color Contrast Check

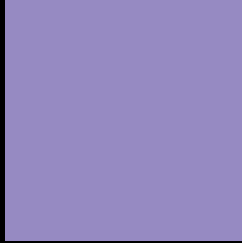
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4038, 28.5560, 54.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

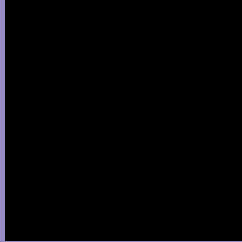
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4038, 28.5560, 54.8956

Background



This preview shows how black text looks on a background with the XYZ color 31.4038, 28.5560, 54.8956.



This preview shows how white text looks on a background with the XYZ color 31.4038, 28.5560,

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

31.4038, 28.5560, 54.8956

Protanopia

29.3722, 28.7696, 57.4311

Deuteranopia

29.2796, 28.5635, 54.4222



Tritanopia

27.5389, 28.5248, 35.9527

Trichromacy



Original Color

31.4038, 28.5560, 54.8956

Protanomaly

30.0676, 28.6956, 56.7774

Deuteranomaly

29.9657, 28.4755, 54.3690

Tritanomaly

28.7828, 28.3593, 41.9871

Monochromacy



Original Color

31.4038, 28.5560, 54.8956

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1592, 29.0527, 39.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4038, 28.5560, 54.8956 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(150, 138, 194)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 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(150, 138, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 194) }
```

Border

The CSS property to change the border of an element to XYZ 31.4038, 28.5560, 54.8956 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(150, 138, 194) }
```


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

```
.border{ border-color:rgb(150, 138, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 194);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4038, 28.5560, 54.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 194) }
```

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

```
.background{ background-color: rgb(150,  
138, 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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