

Converting Colors

XYZ(55.5411, 46.3020,
121.0327)

Have a look what the booklet for
XYZ(55.5411, 46.3020, 121.0327)
contains.

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Color

**XYZ(51.6938, 44.8067,
100.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A6FF
RGB	185, 166, 255
RGB Percent	73%, 65%, 100%
CMY	0.2745, 0.3490, 0.0000
CMYK	0.27, 0.35, 0.00, 0.00
HSL	253°, 100%, 83%
HSV	253°, 35%, 100%
XYZ	51.6938, 44.8067, 100.5317
YIQ	181.8270, -17.2450, 31.7070

Conversions

Conversions Part 2

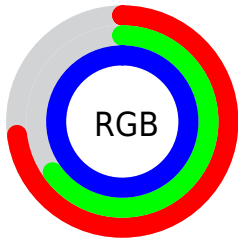
Format	Color
R _Y B	185, 166, 255
Decimal	12166911
CIE Lab	72.76, 25.53, -41.71
CIE LCh	73, 48.901, 301.471
Yxy	44.8067, 0.2624, 0.2274
Android (android.graphics.Color)	4290356991 (0xFFB9A6FF)
YUV	181.8270, 36.0743, 2.7827
Hunter-Lab	66.9378, 20.7083, -42.1892

Details

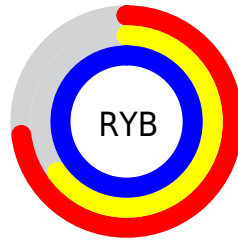
The XYZ color **51.6938, 44.8067, 100.5317** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.2353, 92.1062, 49.7856**, and the grayscale version is **44.1874, 46.4886, 50.6260**.

A 20% lighter version of the original color is **80.8686, 77.9876, 105.3986**, and **25.4163, 20.8577, 56.1124** is the 20% darker color. If you saturate the color by 10%, you get **43.0079, 34.1173, 98.9263**, and if you desaturate by 10%, it is **61.9840, 57.6892, 102.4760**.

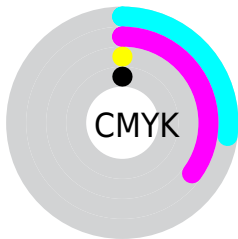
Distribution



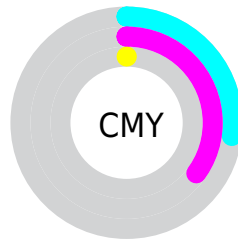
- Red (73%)
- Green (65%)
- Blue (100%)



- Red (73%)
- Yellow (65%)
- Blue (100%)



- Cyan (27%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6938, 44.8067, 100.5317 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 51.6938, 44.8067, 100.5317 by changing the saturation by 10% instead.

■ 51.6938, 44.8067,
100.5317

■ 51.6938, 44.8067,
100.5317

383.5968,
365.9901, 583.1572

■ 36.9843, 31.3052,
76.1253

■ 91.8564, 82.4303,
163.9459

■ 25.3690, 20.8314,
56.0280

■ 118.0403,
107.3211, 203.7908

■ 16.4824, 13.0008,
39.8212

148.7797,
136.7772, 249.6189

■ 9.9591, 7.4291,
27.0865

184.4399,
171.1830, 301.8489

■ 5.4339, 3.7319,
17.4051

225.3864,
210.9227, 360.8991

■ 2.5414, 1.5247,
10.3588

271.9845,

■ 0.9162, 0.3060,

256.3809, 427.1882

5.5288

324.5995,
307.9419, 501.1348

■ 0.0000, 0.0000,
2.4966

■ 0.0000, 0.0000,
0.8384

■ 51.6938, 44.8067,
100.5317

■ 51.6938, 44.8067,
100.5317

■ 43.0079, 34.1173,
98.9263

■ 61.9840, 57.6892,
102.4760

■ 35.8390, 25.4921,
97.6393

■ 73.9511, 72.8736,
104.7761

■ 30.0979, 18.7964,
96.6495

■ 87.6682, 90.4677,
107.4491

■ 25.6834, 13.8771,
95.9326

■ 95.0500, 100.0000,
108.9000

■ 22.4806, 10.5570,
95.4606

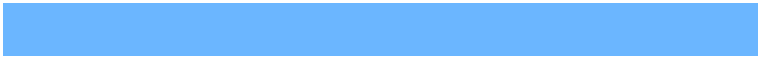
■ 20.3520, 8.6204,
95.1990

■ 19.5950, 8.0165,
95.1223

Harmonies

Analogous

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



43.0079, 44.8067, 112.0605



51.6938, 44.8067, 100.5317



58.6052, 44.8067, 74.7048

Triad

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



51.6938, 44.8067, 100.5317



50.8722, 44.8067, 18.1546



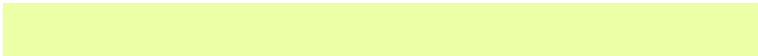
28.2603, 44.8067, 49.9969

Complementary

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



51.6938, 44.8067, 100.5317



77.2353, 92.1062, 49.7856

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.



29.7916, 44.8067, 29.6862



51.6938, 44.8067, 100.5317



42.1697, 44.8067, 15.3794

Square

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



51.6938, 44.8067, 100.5317



58.0882, 44.8067, 28.2184



34.6187, 44.8067, 18.7826



30.1231, 44.8067, 77.5007

Rectangle

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



51.6938, 44.8067, 100.5317



60.8633, 44.8067, 56.0570



34.6187, 44.8067, 18.7826



28.3938, 44.8067, 42.1742

Sweetspot

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



51.6952, 44.8084, 100.5320



80.4503, 81.1884, 106.0385



64.1189, 76.0120, 105.9001



16.8114, 16.8544, 22.6171



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.



51.6952, 44.8084, 100.5320



45.3676, 37.0000, 99.3583



63.7773, 51.0369, 101.0974



17.3654, 17.5646, 22.7250



10.3392, 4.2405, 49.7082



1.0934, 0.4576, 4.8440

Inverse Universe

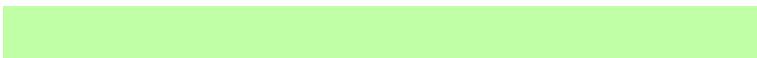
The Inverse Universe completely reimagines the original color for something new.



70.0172, 54.5898, 86.2035



66.3989, 48.2423, 82.2567



64.5598, 85.5717, 49.1924



18.6168, 18.2300, 21.8653



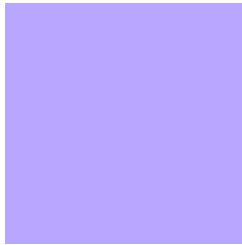
27.0877, 13.3244, 30.1760



2.6769, 1.3131, 3.1458

Previews

White Background



This preview shows how the XYZ color 51.6938, 44.8067, 100.5317 looks on a white background.

Color Contrast Check

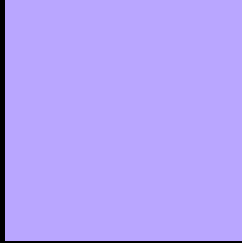
Large Text (above 18pt) WCAG AA × Fail

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 51.6938, 44.8067, 100.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

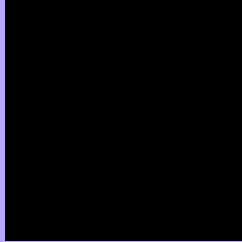
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6938, 44.8067, 100.5317

Background



This preview shows how black text looks on a background with the XYZ color 51.6938, 44.8067, 100.5317.



This preview shows how white text looks on a background with the XYZ color 51.6938, 44.8067,

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

51.6938, 44.8067, 100.5317

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.2143, 45.1154, 99.2009



Tritanopia

42.9793, 44.9747, 56.8678

Trichromacy



Original Color

51.6938, 44.8067, 100.5317

Protanomaly

48.3196, 44.7244, 100.6937

Deuteranomaly

47.9372, 44.8294, 99.8923

Tritanomaly

45.6622, 44.5771, 71.1633

Monochromacy



Original Color

51.6938, 44.8067, 100.5317

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.5624, 45.7214, 66.6926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6938, 44.8067, 100.5317 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(185, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 255)  
}
```

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(185, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.6938, 44.8067, 100.5317 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(185, 166, 255) }
```


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

```
.border{ border-color:rgb(185, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6938, 44.8067, 100.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 255) }
```

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

```
.background{ background-color: rgb(185,  
166, 255) }
```

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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