

Converting Colors

XYZ(54.4013, 56.0111, 99.2108)

Have a look what the booklet for
XYZ(54.4013, 56.0111, 99.2108)
contains.

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Color

**XYZ(54.4013, 56.0111,
99.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC6FB
RGB	171, 198, 251
RGB Percent	67%, 78%, 98%
CMY	0.3294, 0.2235, 0.0157
CMYK	0.32, 0.21, 0.00, 0.02
HSL	220°, 91%, 83%
HSV	220°, 32%, 98%
XYZ	54.4013, 56.0111, 99.2108
YIQ	195.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

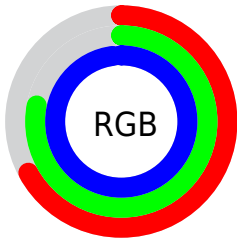
Format	Color
R _Y B	171, 191, 251
Decimal	11257595
CIE Lab	79.62, 2.98, -29.03
CIE LCh	80, 29.184, 275.867
Yxy	56.0111, 0.2595, 0.2672
Android (android.graphics.Color)	4289447675 (0xFFABC6FB)
YUV	195.9690, 27.1303, -21.8978
Hunter-Lab	74.8406, -1.2201, -26.2081

Details

The XYZ color **54.4013, 56.0111, 99.2108** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.7912, 76.7620, 49.4574**, and the grayscale version is **52.3090, 55.0331, 59.9311**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.9133, 27.5546, 54.9390** is the 20% darker color. If you saturate the color by 10%, you get **45.8500, 46.2677, 97.7818**, and if you desaturate by 10%, it is **64.4117, 67.1286, 100.8301**.

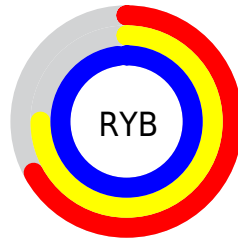
Distribution



Red (67%)

Green (78%)

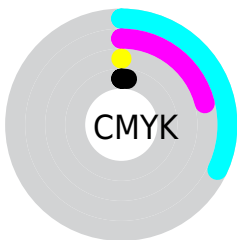
Blue (98%)



Red (67%)

Yellow (75%)

Blue (98%)

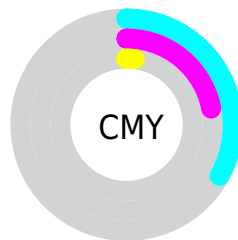


Cyan (32%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4013, 56.0111, 99.2108 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 54.4013, 56.0111, 99.2108 by changing the saturation by 10% instead.

■ 54.4013, 56.0111,
99.2108

■ 54.4013, 56.0111,
99.2108

393.8119,
409.7333, 578.8845

■ 39.1545, 40.2118,
75.0284

■ 95.8167, 99.0208,
162.1146

■ 27.0612, 27.7037,
55.1343

122.7160,
127.0000, 201.6731

■ 17.7560, 18.1025,
39.1099

154.2301,
159.8080, 247.1941

■ 10.8736, 11.0236,
26.5368

190.7246,
197.8292, 299.0960

■ 6.0486, 6.0827,
16.9963

232.5646,
241.4479, 357.7975

■ 2.9156, 2.8954,
10.0699

280.1156,

■ 1.1093, 1.0774,

291.0486, 423.7170

5.3391

333.7429,
347.0156, 497.2732

■ 0.0329, 0.0000,
2.3854

■ 0.0000, 0.0000,
0.7785

■ 54.4013, 56.0111,
99.2108

■ 54.4013, 56.0111,
99.2108

■ 45.8500, 46.2677,
97.7818

■ 64.4117, 67.1286,
100.8301

■ 38.6799, 37.8347,
96.5320

■ 75.9428, 79.6673,
102.6425

■ 32.8139, 30.6526,
95.4549

■ 89.0591, 93.6799,
104.6559

■ 28.1645, 24.6540,
94.5421

■ 94.4128, 99.7451,
105.5445

■ 24.6321, 19.7641,
93.7844

■ 22.0989, 15.8969,
93.1715

■ 20.6389, 13.4173,
92.7698

Harmonies

Analogous

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



48.7458, 56.0111, 95.5755



54.4013, 56.0111, 99.2108



60.1415, 56.0111, 91.1778

Triad

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



54.4013, 56.0111, 99.2108



62.9372, 56.0111, 43.9105



43.5690, 56.0111, 48.6801

Complementary

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



54.4013, 56.0111, 99.2108



73.7912, 76.7620, 49.4574

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.



46.8820, 56.0111, 38.3255



54.4013, 56.0111, 99.2108



57.9956, 56.0111, 35.9474

Square

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



54.4013, 56.0111, 99.2108



65.2974, 56.0111, 57.7353



52.0892, 56.0111, 34.1090



42.7611, 56.0111, 64.3577

Rectangle

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



54.4013, 56.0111, 99.2108



63.1570, 56.0111, 81.0244



52.0892, 56.0111, 34.1090



44.4140, 56.0111, 44.5589

Sweetspot

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



54.4031, 56.0133, 99.2121



81.1284, 85.1715, 106.7716



64.6126, 82.9813, 82.4251



16.9748, 17.8108, 22.7931



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.



54.4031, 56.0133, 99.2121



50.7584, 51.6756, 101.9069



51.5057, 46.1601, 97.4630



16.7618, 17.6004, 21.8991



10.9686, 7.2928, 48.8031



1.1096, 0.8628, 4.5512

Inverse Universe

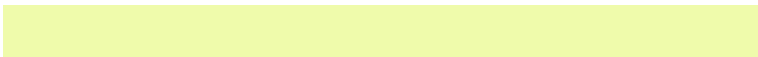
The Inverse Universe completely reimagines the original color for something new.



64.5412, 53.7141, 60.3944



62.8664, 49.5008, 55.4187



77.4458, 90.2866, 51.8753



17.4863, 17.3219, 19.1506



21.8285, 11.1471, 5.8051



2.0690, 1.0513, 0.7867

Previews

White Background



This preview shows how the XYZ color 54.4013, 56.0111, 99.2108 looks on a white background.

Color Contrast Check

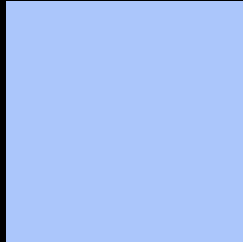
Large Text (above 18pt) WCAG AA × Fail

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 54.4013, 56.0111, 99.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

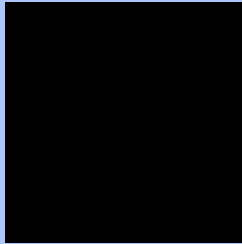
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4013, 56.0111, 99.2108

Background



This preview shows how black text looks on a background with the XYZ color 54.4013, 56.0111, 99.2108.



This preview shows how white text looks on a background with the XYZ color 54.4013, 56.0111,

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

54.4013, 56.0111, 99.2108

Protanopia

56.3812, 56.0601, 97.4716

Deuteranopia

57.1342, 55.7330, 99.8417



Tritanopia

49.8210, 56.2456, 75.9408

Trichromacy



Original Color

54.4013, 56.0111, 99.2108

Protanomaly

55.5857, 55.9657, 98.3153

Deuteranomaly

56.1418, 55.8822, 99.9228

Tritanomaly

51.4807, 56.2261, 83.7407

Monochromacy



Original Color

54.4013, 56.0111, 99.2108

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8544, 55.4552, 72.8839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4013, 56.0111, 99.2108 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(171, 198, 251)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 251)  
}
```

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(171, 198, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 251) }
```

Border

The CSS property to change the border of an element to XYZ 54.4013, 56.0111, 99.2108 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(171, 198, 251) }
```


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

```
.border{ border-color:rgb(171, 198, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 251);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4013, 56.0111, 99.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 251) }
```

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

```
.background{ background-color: rgb(171,  
198, 251) }
```

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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