

Converting Colors

XYZ(54.0032, 56.4891, 99.3240)

Have a look what the booklet for
XYZ(54.0032, 56.4891, 99.3240)
contains.

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Color

**XYZ(54.0032, 56.4891,
99.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C8FB
RGB	167, 200, 251
RGB Percent	65%, 78%, 98%
CMY	0.3451, 0.2157, 0.0157
CMYK	0.33, 0.20, 0.00, 0.02
HSL	216°, 91%, 82%
HSV	216°, 33%, 98%
XYZ	54.0032, 56.4891, 99.3240
YIQ	195.9470, -36.0390, 8.8650

Conversions

Conversions Part 2

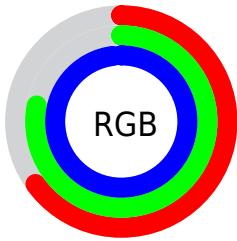
Format	Color
R _Y B	167, 191, 251
Decimal	10995963
CIE Lab	79.89, 0.80, -28.64
CIE LCh	80, 28.648, 271.598
Yxy	56.4891, 0.2574, 0.2692
Android (android.graphics.Color)	4289186043 (0xFFA7C8FB)
YUV	195.9470, 27.1411, -25.3865
Hunter-Lab	75.1592, -3.2733, -25.7411

Details

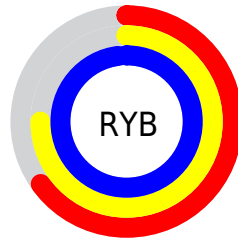
The XYZ color **54.0032, 56.4891, 99.3240** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8311, 73.4429, 46.9509**, and the grayscale version is **52.2970, 55.0206, 59.9174**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.6986, 27.8976, 55.0165** is the 20% darker color. If you saturate the color by 10%, you get **45.8513, 47.3069, 97.9823**, and if you desaturate by 10%, it is **63.5396, 66.9098, 100.8338**.

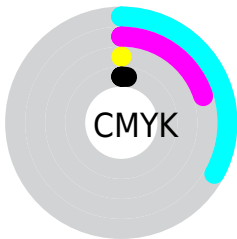
Distribution



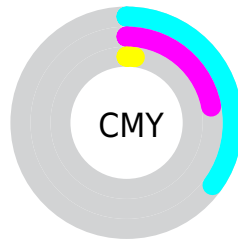
- Red (65%)
- Green (78%)
- Blue (98%)



- Red (65%)
- Yellow (75%)
- Blue (98%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0032, 56.4891, 99.3240 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 54.0032, 56.4891, 99.3240 by changing the saturation by 10% instead.

■ 54.0032, 56.4891,
99.3240

■ 54.0032, 56.4891,
99.3240

392.3204,
411.5321, 579.2513

■ 38.8349, 40.5952,
75.1224

■ 95.2358, 99.7193,
162.2717

■ 26.8115, 28.0029,
55.2108

■ 122.0308,
127.8245, 201.8548

■ 17.5675, 18.3279,
39.1708

153.4321,
160.7688, 247.4021

■ 10.7377, 11.1856,
26.5838

189.8051,
198.9367, 299.3322

■ 5.9568, 6.1918,
17.0312

231.5150,
242.7126, 358.0637

■ 2.8592, 2.9621,
10.0945

278.9273,

■ 1.0798, 1.1120,

292.4809, 424.0150

5.3553

332.4073,
348.6259, 497.6047

■ 0.0081, 0.0000,
2.3948

■ 0.0000, 0.0000,
0.7836

■ 54.0032, 56.4891,
99.3240

■ 54.0032, 56.4891,
99.3240

■ 45.8513, 47.3069,
97.9823

■ 63.5396, 66.9098,
100.8338

■ 39.0085, 39.3054,
96.7985

■ 74.5198, 78.6103,
102.5135

■ 33.3998, 32.4311,
95.7673

■ 87.0061, 91.6380,
104.3700

■ 28.9399, 26.6235,
94.8813

■ 94.4128, 99.7451,
105.5444

■ 25.5311, 21.8143,
94.1327

■ 23.0563, 17.9245,
93.5124

■ 21.8379, 15.8153,
93.1694

Harmonies

Analogous

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



48.5540, 56.4891, 94.1369



54.0032, 56.4891, 99.3240



59.7559, 56.4891, 92.9575

Triad

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



54.0032, 56.4891, 99.3240



63.7727, 56.4891, 46.2290



44.4573, 56.4891, 47.5178

Complementary

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



54.0032, 56.4891, 99.3240



71.8311, 73.4429, 46.9509

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.



48.0514, 56.4891, 38.0953



54.0032, 56.4891, 99.3240



59.1785, 56.4891, 37.4510

Square

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



54.0032, 56.4891, 99.3240



65.6422, 56.4891, 60.6195



53.3804, 56.4891, 34.7622



43.2866, 56.4891, 62.4032

Rectangle

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



54.0032, 56.4891, 99.3240



62.9242, 56.4891, 83.5826



53.3804, 56.4891, 34.7622



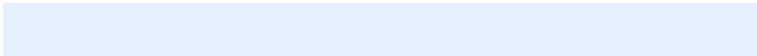
45.4086, 56.4891, 43.7070

Sweetspot

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



54.0050, 56.4913, 99.3253



81.5413, 85.9973, 106.9092



63.0114, 82.2417, 78.4734



17.0743, 18.0099, 22.8263



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.



54.0050, 56.4913, 99.3253



50.2729, 52.1644, 102.0268



49.0020, 43.7646, 97.1325



16.8424, 17.7616, 21.9259



11.6106, 8.5767, 49.0171



1.1752, 0.9942, 4.5731

Inverse Universe

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



64.0292, 52.3185, 61.3697



62.2650, 47.8960, 56.4578



78.2977, 90.7691, 49.9544



17.5270, 17.3382, 19.3649



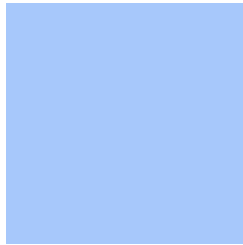
22.1525, 11.2767, 7.5114



2.1021, 1.0646, 0.9612

Previews

White Background



This preview shows how the XYZ color 54.0032, 56.4891, 99.3240 looks on a white background.

Color Contrast Check

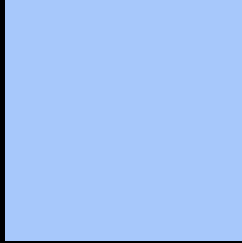
Large Text (above 18pt) WCAG AA × Fail

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 54.0032, 56.4891, 99.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

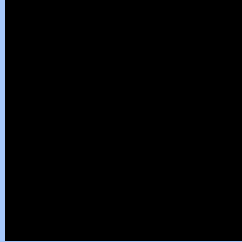
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

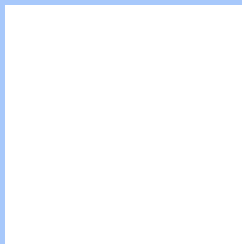
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0032, 56.4891, 99.3240

Background



This preview shows how black text looks on a background with the XYZ color 54.0032, 56.4891, 99.3240.



This preview shows how white text looks on a background with the XYZ color 54.0032, 56.4891,

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

54.0032, 56.4891, 99.3240

Protanopia

56.6908, 56.5715, 96.7384

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

49.5133, 56.4102, 77.3859

Trichromacy



Original Color

54.0032, 56.4891, 99.3240

Protanomaly

55.4252, 56.2370, 97.5561

Deuteranomaly

56.1330, 56.2114, 99.9868

Tritanomaly

51.1682, 56.3816, 85.2767

Monochromacy



Original Color

54.0032, 56.4891, 99.3240

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3685, 55.2047, 72.8612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0032, 56.4891, 99.3240 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(167, 200, 251)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 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(167, 200, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 251) }
```

Border

The CSS property to change the border of an element to XYZ 54.0032, 56.4891, 99.3240 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(167, 200, 251) }
```


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

```
.border{ border-color:rgb(167, 200, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 251);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0032, 56.4891, 99.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 251) }
```

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

```
.background{ background-color: rgb(167,  
200, 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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