

Converting Colors

XYZ(54.5176, 68.2197,
102.6773)

Have a look what the booklet for
XYZ(54.5176, 68.2197, 102.6773)
contains.

XYZ(54.3249, 67.9819, 102.3540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.3249, 67.9819,
102.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE6FC
RGB	125, 230, 252
RGB Percent	49%, 90%, 99%
CMY	0.5098, 0.0980, 0.0118
CMYK	0.50, 0.09, 0.00, 0.01
HSL	190°, 95%, 74%
HSV	190°, 50%, 99%
XYZ	54.3249, 67.9819, 102.3540
YIQ	201.1130, -69.6420, -15.4180

Conversions

Conversions Part 2

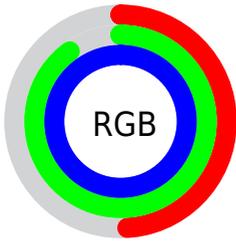
Format	Color
RYB	125, 182, 252
Decimal	8251132
CIELab	86.00, -24.70, -20.06
CIELCh	86, 31.821, 219.085
Yxy	67.9819, 0.2418, 0.3026
Android (android.graphics.Color)	4286441212 (0xFF7DE6FC)
YUV	201.1130, 25.0873, -66.7511
Hunter-Lab	82.4511, -26.6805, -15.8862

Details

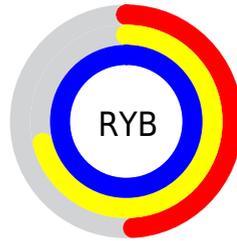
The XYZ color **54.3249, 67.9819, 102.3540** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2816, 43.0449, 24.8514**, and the grayscale version is **55.4696, 58.3583, 63.5522**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **26.9108, 35.2043, 57.0065** is the 20% darker color. If you saturate the color by 10%, you get **49.9031, 63.9230, 101.8048**, and if you desaturate by 10%, it is **59.7144, 72.5878, 102.9602**.

Distribution



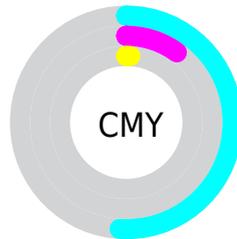
- Red (49%)
- Green (90%)
- Blue (99%)



- Red (49%)
- Yellow (71%)
- Blue (99%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (51%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3249, 67.9819, 102.3540 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 54.3249, 67.9819, 102.3540 by changing the saturation by 10% instead.

■ 54.3249, 67.9819,
102.3540

■ 54.3249, 67.9819,
102.3540

■ 393.5259,
453.4319, 589.0247

■ 39.0932, 49.8830,
77.6401

■ 95.7052, 116.3262,
166.4684

■ 27.0133, 35.3205,
57.2637

■ 122.5845,
147.3405, 206.7060

■ 17.7198, 23.9098,
40.8062

■ 154.0771,
183.4287, 252.9552

■ 10.8475, 15.2667,
27.8491

■ 190.5482,
224.9751, 305.6346

■ 6.0309, 9.0068,
17.9739

■ 232.3633,
272.3643, 365.1627

■ 2.9047, 4.7456,
10.7620

■ 279.8877,

■ 1.1036, 2.0988,

325.9805, 431.9581

5.7949

333.4868,
386.2083, 506.4392

■ 0.0281, 0.6639,
2.6540

■ 0.0000, 0.0000,
0.9201

■ 54.3249, 67.9819,
102.3540

■ 54.3249, 67.9819,
102.3540

■ 49.9031, 63.9230,
101.8048

■ 59.7144, 72.5878,
102.9602

■ 46.3705, 60.3659,
101.3044

■ 66.1300, 77.7666,
103.6217

■ 43.6465, 57.2701,
100.8505

■ 73.6327, 83.5517,
104.3429

■ 41.6321, 54.5843,
100.4382

■ 82.2770, 89.9714,
105.1264

■ 40.2125, 52.3115,
100.0743

■ 92.1135, 97.0522,
105.9747

■ 94.5709, 99.8084,
106.3772

Harmonies

Analogous

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



51.7273, 67.9819, 80.5486



54.3249, 67.9819, 102.3540



59.7347, 67.9819, 118.2559

Triad

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



54.3249, 67.9819, 102.3540



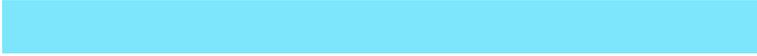
78.6265, 67.9819, 89.3108



62.4245, 67.9819, 41.0109

Complementary

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



54.3249, 67.9819, 102.3540



54.2816, 43.0449, 24.8514

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.



69.7536, 67.9819, 42.4737



54.3249, 67.9819, 102.3540



79.4825, 67.9819, 67.8554

Square

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



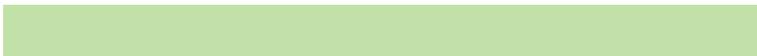
54.3249, 67.9819, 102.3540



73.8702, 67.9819, 109.7950



76.1282, 67.9819, 51.4676



56.1666, 67.9819, 47.0074

Rectangle

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



54.3249, 67.9819, 102.3540



64.3911, 67.9819, 121.9037



76.1282, 67.9819, 51.4676



64.8389, 67.9819, 40.6752

Sweetspot

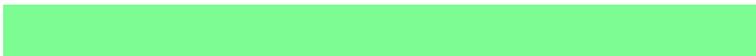
The Sweet Spot groups the original color and five complimentary colors.



54.3270, 67.9845, 102.3556



80.2737, 89.2988, 107.6133



48.4707, 76.0627, 39.3910



16.7846, 18.8179, 22.9975



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.



54.3270, 67.9845, 102.3556



51.4101, 65.8060, 104.6000



39.9098, 39.1500, 97.5499



17.4950, 19.0669, 22.1435



21.0436, 27.4428, 52.1614



2.0141, 2.6719, 4.8527

Inverse Universe

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



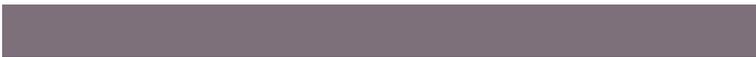
61.7632, 41.0777, 79.5392



60.0642, 36.3919, 77.6204



66.8125, 68.1066, 29.0283



17.8564, 17.4699, 21.0995



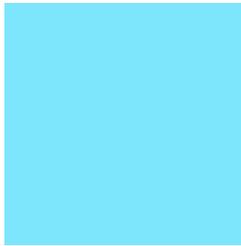
26.9139, 13.1813, 32.5846



2.5255, 1.2340, 3.1909

Previews

White Background



This preview shows how the XYZ color 54.3249, 67.9819, 102.3540 looks on a white background.

Color Contrast Check

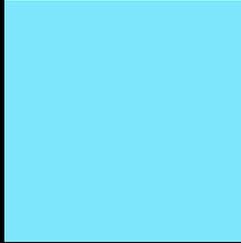
Large Text (above 18pt) WCAG AA × Fail

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 54.3249, 67.9819, 102.3540 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 54.3249, 67.9819, 102.3540

Background



This preview shows how black text looks on a background with the XYZ color 54.3249, 67.9819, 102.3540.



This preview shows how white text looks on a background with the XYZ color 54.3249, 67.9819,

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

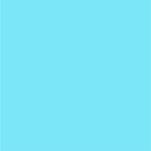
54.3249, 67.9819, 102.3540

Protanopia

65.8500, 67.0799, 91.9151

Deuteranopia

68.5820, 67.1171, 103.9480



Tritanopia

53.7079, 67.7183, 99.8628

Trichromacy



Original Color

54.3249, 67.9819, 102.3540



Protanomaly

60.2511, 66.7784, 95.3019



Deuteranomaly

61.9937, 66.7265, 103.3780



Tritanomaly

53.8643, 67.7808, 100.6865

Monochromacy



Original Color

54.3249, 67.9819, 102.3540



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.6953, 61.1385, 76.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3249, 67.9819, 102.3540 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(125, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(125, 230, 252)  
}
```

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(125, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 230, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.3249, 67.9819, 102.3540 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(125, 230, 252) }
```


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

```
.border{ border-color:rgb(125, 230, 252) }
```

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

Here you see how a box with a 4 pixel rgb(125, 230, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(125, 230,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3249, 67.9819, 102.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 230, 252) }
```

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

```
.background{ background-color: rgb(125,  
230, 252) }
```

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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