

Converting Colors

XYZ(53.5401, 55.1606,
108.0883)

Have a look what the booklet for
XYZ(53.5401, 55.1606, 108.0883)
contains.

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Color

**XYZ(52.3143, 54.5234,
102.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC5FF
RGB	159, 197, 255
RGB Percent	62%, 77%, 100%
CMY	0.3765, 0.2274, 0.0000
CMYK	0.38, 0.23, 0.00, 0.00
HSL	216°, 100%, 81%
HSV	216°, 38%, 100%
XYZ	52.3143, 54.5234, 102.3746
YIQ	192.2500, -41.2660, 9.9820

Conversions

Conversions Part 2

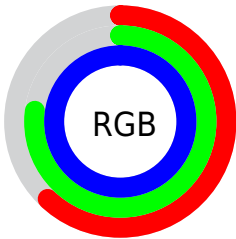
Format	Color
R _Y B	159, 186, 255
Decimal	10470911
CIE Lab	78.77, 1.29, -32.54
CIE LCh	79, 32.569, 272.265
Yxy	54.5234, 0.2501, 0.2606
Android (android.graphics.Color)	4288660991 (0xFF9FC5FF)
YUV	192.2500, 30.9357, -29.1603
Hunter-Lab	73.8400, -2.7559, -30.5140

Details

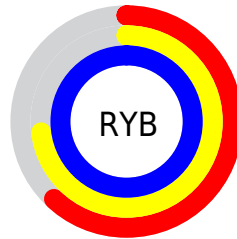
The XYZ color **52.3143, 54.5234, 102.3746** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.3114, 73.3894, 43.1571**, and the grayscale version is **50.0925, 52.7012, 57.3916**.

A 20% lighter version of the original color is **81.8107, 92.7026, 108.1892**, and **25.7244, 26.6652, 57.2172** is the 20% darker color. If you saturate the color by 10%, you get **44.4483, 45.5389, 101.0550**, and if you desaturate by 10%, it is **61.5841, 64.7646, 103.8627**.

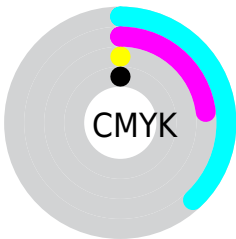
Distribution



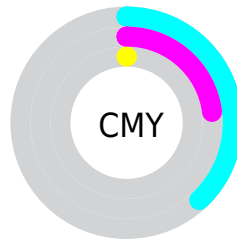
- Red (62%)
- Green (77%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3143, 54.5234, 102.3746 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 52.3143, 54.5234, 102.3746 by changing the saturation by 10% instead.

■ 52.3143, 54.5234,
102.3746

■ 52.3143, 54.5234,
102.3746

385.9528,
404.1028, 589.0909

■ 37.4809, 39.0203,
77.6572

■ 92.7661, 96.8423,
166.4969

■ 25.7555, 26.7755,
57.2777

■ 119.1152,
124.4269, 206.7389

■ 16.7725, 17.4047,
40.8174

150.0337,
156.8074, 252.9928

■ 10.1667, 10.5234,
27.8578

185.8868,
194.3682, 305.6773

■ 5.5728, 5.7474,
17.9804

227.0399,
237.4938, 365.2108

■ 2.6252, 2.6921,
10.7666

273.8584,

■ 0.9588, 0.9732,

286.5685, 432.0118

5.7979

326.7076,
341.9767, 506.4990

■ 0.0000, 0.0000,
2.6558

■ 0.0000, 0.0000,
0.9211

■ 52.3143, 54.5234,
102.3746

■ 52.3143, 54.5234,
102.3746

■ 44.4483, 45.5389,
101.0550

■ 61.5841, 64.7646,
103.8627

■ 37.9059, 37.7505,
99.8965

■ 72.3222, 76.3075,
105.5248

■ 32.6058, 31.1007,
98.8923

■ 84.5945, 89.2019,
107.3668

■ 28.4546, 25.5240,
98.0346

95.0500, 100.0000,
108.9000

■ 25.3437, 20.9457,
97.3149

■ 23.1328, 17.2740,
96.7227

■ 22.6979, 16.5157,
96.5993

Harmonies

Analogous

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



46.2654, 54.5234, 96.6589



52.3143, 54.5234, 102.3746



58.7259, 54.5234, 94.7301

Triad

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



52.3143, 54.5234, 102.3746



63.0273, 54.5234, 42.3601



41.6072, 54.5234, 44.3304

Complementary

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



52.3143, 54.5234, 102.3746



72.3114, 73.3894, 43.1571

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.



45.4831, 54.5234, 34.1230



52.3143, 54.5234, 102.3746



57.8084, 54.5234, 33.1622

Square

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



52.3143, 54.5234, 102.3746



65.2222, 54.5234, 57.9747



51.3345, 54.5234, 30.4897



40.3972, 54.5234, 60.7808

Rectangle

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



52.3143, 54.5234, 102.3746



62.2573, 54.5234, 83.8521



51.3345, 54.5234, 30.4897



42.6247, 54.5234, 40.1824

Sweetspot

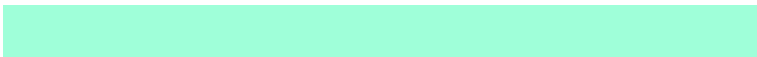
The Sweet Spot groups the original color and five complimentary colors.



52.3159, 54.5254, 102.3749



80.3029, 84.7229, 106.7285



62.5315, 83.8804, 78.2691



16.8276, 17.7562, 22.7903



0.0000, 0.0000, 0.0000



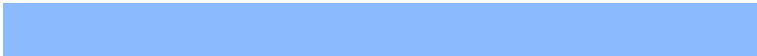
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.3159, 54.5254, 102.3749



46.3975, 47.7974, 101.3881



46.7261, 40.4089, 99.9447



17.5929, 18.5575, 22.9046



11.9957, 8.9009, 50.5204



1.2710, 1.0727, 4.9533

Inverse Universe

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



63.7173, 50.0891, 59.1353



59.4829, 43.6206, 51.5569



79.8144, 93.5079, 46.6449



18.3072, 18.1062, 20.2347



22.8431, 11.6265, 7.8240



2.2761, 1.1528, 1.0356

Previews

White Background



This preview shows how the XYZ color 52.3143, 54.5234, 102.3746 looks on a white background.

Color Contrast Check

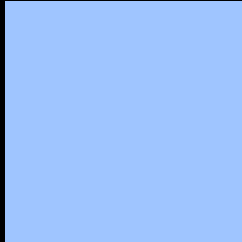
Large Text (above 18pt) WCAG AA × Fail

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 52.3143, 54.5234, 102.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

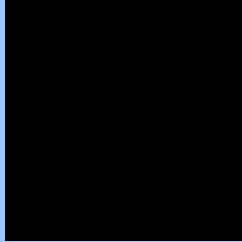
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

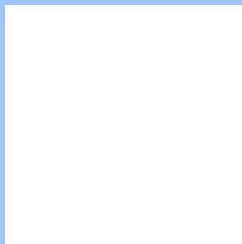
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3143, 54.5234, 102.3746

Background



This preview shows how black text looks on a background with the XYZ color 52.3143, 54.5234, 102.3746.



This preview shows how white text looks on a background with the XYZ color 52.3143, 54.5234,

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

52.3143, 54.5234, 102.3746

Protanopia

54.8526, 54.2480, 98.8467

Deuteranopia

55.5032, 54.1849, 102.1411



Tritanopia

46.8519, 54.3632, 75.7339

Trichromacy



Original Color

52.3143, 54.5234, 102.3746

Protanomaly

53.8757, 54.3825, 99.7528

Deuteranomaly

54.1332, 54.1306, 102.2029

Tritanomaly

48.7315, 54.4288, 85.0282

Monochromacy



Original Color

52.3143, 54.5234, 102.3746

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.3799, 53.1932, 71.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3143, 54.5234, 102.3746 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(159, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 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(159, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.3143, 54.5234, 102.3746 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(159, 197, 255) }
```


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

```
.border{ border-color:rgb(159, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3143, 54.5234, 102.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 255) }
```

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

```
.background{ background-color: rgb(159,  
197, 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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