

Converting Colors

XYZ(61.1982, 57.1251,
141.6862)

Have a look what the booklet for
XYZ(61.1982, 57.1251, 141.6862)
contains.

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Color

**XYZ(53.7040, 54.2386,
102.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C2FF
RGB	169, 194, 255
RGB Percent	66%, 76%, 100%
CMY	0.3372, 0.2392, 0.0000
CMYK	0.34, 0.24, 0.00, 0.00
HSL	223°, 100%, 83%
HSV	223°, 34%, 100%
XYZ	53.7040, 54.2386, 102.2463
YIQ	193.4790, -34.4810, 13.6710

Conversions

Conversions Part 2

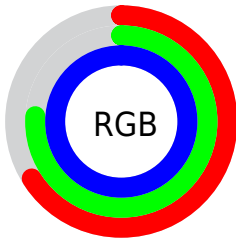
Format	Color
R_{YB}	169, 188, 255
Decimal	11125503
CIE _{Lab}	78.60, 5.60, -32.75
CIE _{LCh}	79, 33.221, 279.698
Yxy	54.2386, 0.2555, 0.2580
Android (android.graphics.Color)	4289315583 (0xFFA9C2FF)
YUV	193.4790, 30.3299, -21.4681
Hunter-Lab	73.6469, 1.2819, -30.7614

Details

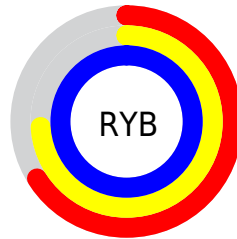
The XYZ color **53.7040, 54.2386, 102.2463** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.6987, 80.7186, 49.0759**, and the grayscale version is **50.8134, 53.4596, 58.2175**.

A 20% lighter version of the original color is **83.5996, 91.7600, 107.9130**, and **26.6573, 26.7044, 57.1755** is the 20% darker color. If you saturate the color by 10%, you get **44.9741, 44.1227, 100.7539**, and if you desaturate by 10%, it is **63.9939, 65.8884, 103.9526**.

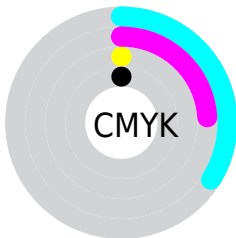
Distribution



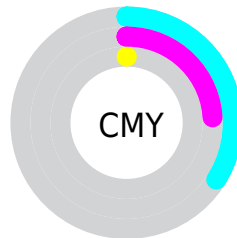
- Red (66%)
- Green (76%)
- Blue (100%)



- Red (66%)
- Yellow (74%)
- Blue (100%)



- Cyan (34%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7040, 54.2386, 102.2463 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 53.7040, 54.2386, 102.2463 by changing the saturation by 10% instead.

■ 53.7040, 54.2386,
102.2463

■ 53.7040, 54.2386,
102.2463

391.1971,
403.0192, 588.6788

■ 38.5948, 38.7925,
77.5505

■ 94.7989, 96.4245,
166.3194

■ 26.6240, 26.5983,
57.1906

121.5154,
123.9330, 206.5339

■ 17.4261, 17.2718,
40.7479

152.8316,
156.2311, 252.7583

■ 10.6360, 10.4284,
27.8039

189.1130,
193.7032, 305.4112

■ 5.8881, 5.6839,
17.9402

230.7249,
236.7337, 364.9112

■ 2.8172, 2.6539,
10.7380

278.0326,

■ 1.0578, 0.9538,

285.7069, 431.6768

5.7790

331.4015,
341.0073, 506.1265

■ 0.0000, 0.0000,
2.6446

■ 0.0000, 0.0000,
0.9153

■ 53.7040, 54.2386,
102.2463

■ 53.7040, 54.2386,
102.2463

■ 44.9741, 44.1227,
100.7539

■ 63.9939, 65.8884,
103.9526

■ 37.7196, 35.4675,
99.4656

■ 75.9127, 79.1288,
105.8801

■ 31.8547, 28.2024,
98.3724

■ 89.5311, 94.0208,
108.0368

■ 27.2823, 22.2481,
97.4641

95.0500, 100.0000,
108.9000

■ 23.8917, 17.5159,
96.7294

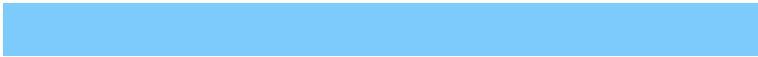
■ 21.5503, 13.9033,
96.1555

■ 20.5075, 12.1350,
95.8692

Harmonies

Analogous

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



47.3027, 54.2386, 99.7777



53.7040, 54.2386, 102.2463



60.0265, 54.2386, 91.4005

Triad

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



53.7040, 54.2386, 102.2463



61.8675, 54.2386, 38.8757



40.6147, 54.2386, 47.3999

Complementary

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



53.7040, 54.2386, 102.2463



76.6987, 80.7186, 49.0759

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.



43.9155, 54.2386, 35.4152



53.7040, 54.2386, 102.2463



56.0488, 54.2386, 31.2659

Square

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



53.7040, 54.2386, 102.2463



64.9964, 54.2386, 53.1839



49.4586, 54.2386, 30.1498



40.1028, 54.2386, 65.3465

Rectangle

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



53.7040, 54.2386, 102.2463



63.2141, 54.2386, 79.1993



49.4586, 54.2386, 30.1498



41.4207, 54.2386, 42.6562

Sweetspot

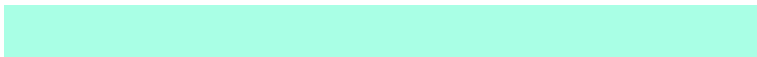
The Sweet Spot groups the original color and five complimentary colors.



53.7056, 54.2406, 102.2466



80.7819, 84.4784, 106.6560



66.2940, 85.6238, 87.3091



16.8913, 17.6439, 22.7653



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.



53.7056, 54.2406, 102.2466



48.0487, 47.7159, 101.2854



52.5378, 46.0620, 100.7296



17.4332, 18.2379, 22.8514



10.8263, 6.5621, 50.1306



1.1434, 0.8174, 4.9108

Inverse Universe

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



65.1667, 53.5326, 57.9392



61.1423, 47.4469, 50.5457



78.1149, 92.5274, 51.2806



18.2265, 18.0739, 19.8101



22.2528, 11.3904, 4.7157



2.2117, 1.1271, 0.6963

Previews

White Background



This preview shows how the XYZ color 53.7040, 54.2386, 102.2463 looks on a white background.

Color Contrast Check

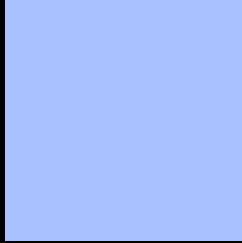
Large Text (above 18pt) WCAG AA × Fail

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 53.7040, 54.2386, 102.2463 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

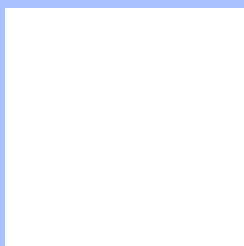
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7040, 54.2386, 102.2463

Background



This preview shows how black text looks on a background with the XYZ color 53.7040, 54.2386, 102.2463.



This preview shows how white text looks on a background with the XYZ color 53.7040, 54.2386,

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

53.7040, 54.2386, 102.2463

Protanopia

54.9394, 54.2561, 100.5054

Deuteranopia

55.5032, 54.1849, 102.1411



Tritanopia

47.9082, 54.2566, 73.5932

Trichromacy



Original Color

53.7040, 54.2386, 102.2463

Protanomaly

54.6386, 54.4096, 101.3883

Deuteranomaly

54.8041, 54.1494, 102.1711

Tritanomaly

49.7221, 53.9442, 83.3929

Monochromacy



Original Color

53.7040, 54.2386, 102.2463

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2318, 53.2881, 72.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7040, 54.2386, 102.2463 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(169, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 194, 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(169, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7040, 54.2386, 102.2463 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(169, 194, 255) }
```


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

```
.border{ border-color:rgb(169, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 194, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 194, 255); box-shadow:4px 4px 4px 4px rgb(169, 194, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7040, 54.2386, 102.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 194, 255) }
```

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

```
.background{ background-color: rgb(169,  
194, 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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