

Converting Colors

XYZ(53.3690, 56.1278,
120.6614)

Have a look what the booklet for
XYZ(53.3690, 56.1278, 120.6614)
contains.

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Color

**XYZ(49.9211, 54.6560,
102.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC9FF
RGB	141, 201, 255
RGB Percent	55%, 79%, 100%
CMY	0.4470, 0.2118, 0.0000
CMYK	0.45, 0.21, 0.00, 0.00
HSL	208°, 100%, 78%
HSV	208°, 45%, 100%
XYZ	49.9211, 54.6560, 102.5263
YIQ	189.2160, -53.0940, 4.0740

Conversions

Conversions Part 2

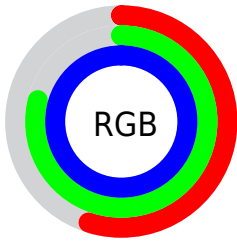
Format	Color
RYB	141, 180, 255
Decimal	9292287
CIELab	78.84, -5.39, -32.51
CIELCh	79, 32.952, 260.586
Yxy	54.6560, 0.2410, 0.2639
Android (android.graphics.Color)	4287482367 (0xFF8DC9FF)
YUV	189.2160, 32.4315, -42.2854
Hunter-Lab	73.9297, -8.8447, -30.4731

Details

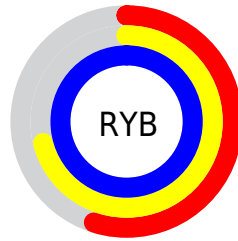
The XYZ color **49.9211, 54.6560, 102.5263** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.5635, 62.2141, 33.7541**, and the grayscale version is **48.3368, 50.8541, 55.3801**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **24.1940, 26.7837, 57.3207** is the 20% darker color. If you saturate the color by 10%, you get **43.3682, 47.2619, 101.4445**, and if you desaturate by 10%, it is **57.6968, 63.0114, 103.7292**.

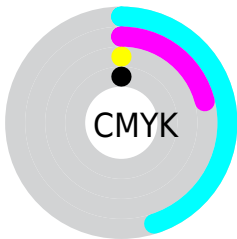
Distribution



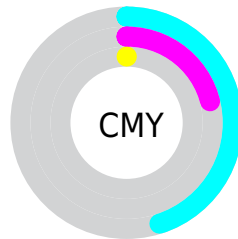
- Red (55%)
- Green (79%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9211, 54.6560, 102.5263 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 49.9211, 54.6560, 102.5263 by changing the saturation by 10% instead.

■ 49.9211, 54.6560,
102.5263

■ 49.9211, 54.6560,
102.5263

376.8144,
404.6066, 589.5779

■ 35.5683, 39.1264,
77.7834

■ 89.2505, 97.0368,
166.7067

■ 24.2695, 26.8581,
57.3807

■ 114.9577,
124.6567, 206.9812

■ 15.6595, 17.4666,
40.8996

145.1805,
157.0755, 253.2701

■ 9.3728, 10.5678,
27.9215

180.2841,
194.6776, 305.9918

■ 5.0442, 5.7770,
18.0280

220.6340,
237.8473, 365.5649

■ 2.3082, 2.7100,
10.8004

266.5954,

■ 0.7989, 0.9823,

286.9692, 432.4079

5.8203

318.5338,
342.4275, 506.9394

■ 0.0000, 0.0000,
2.6691

■ 0.0000, 0.0000,
0.9278

■ 49.9211, 54.6560,
102.5263

■ 49.9211, 54.6560,
102.5263

■ 43.3682, 47.2619,
101.4445

■ 57.6968, 63.0114,
103.7292

■ 37.9586, 40.7773,
100.4779

■ 66.7581, 72.3645,
105.0570

■ 33.6105, 35.1534,
99.6216

■ 77.1691, 82.7563,
106.5141

■ 30.2272, 30.3321,
98.8693

■ 88.9879, 94.2237,
108.1046

■ 27.6910, 26.2443,
98.2139

95.0500, 100.0000,
108.9000

■ 26.6046, 24.3291,
97.9015

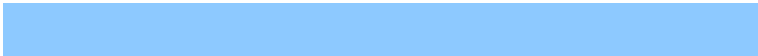
Harmonies

Analogous

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



44.3743, 54.6560, 91.8574



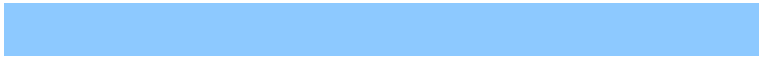
49.9211, 54.6560, 102.5263



56.4922, 54.6560, 99.9433

Triad

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



49.9211, 54.6560, 102.5263



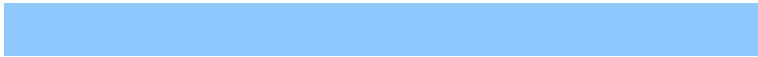
64.6184, 54.6560, 47.7365



42.8356, 54.6560, 39.4667

Complementary

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



49.9211, 54.6560, 102.5263



65.5635, 62.2141, 33.7541

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.



47.6560, 54.6560, 31.7857



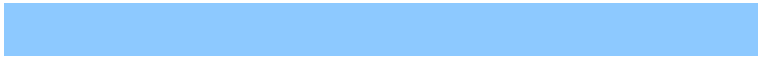
49.9211, 54.6560, 102.5263



60.3399, 54.6560, 35.8191

Square

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



49.9211, 54.6560, 102.5263



65.3532, 54.6560, 65.5919



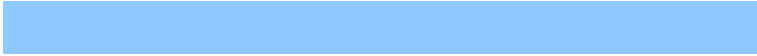
54.0309, 54.6560, 30.6073



40.5155, 54.6560, 53.8182

Rectangle

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



49.9211, 54.6560, 102.5263



60.5576, 54.6560, 91.2272



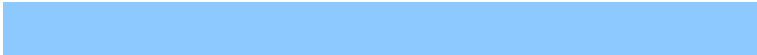
54.0309, 54.6560, 30.6073



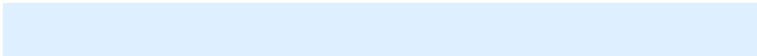
44.1973, 54.6560, 36.1573

Sweetspot

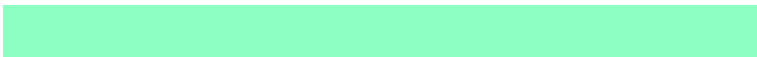
The Sweet Spot groups the original color and five complimentary colors.



49.9227, 54.6580, 102.5266



79.0820, 84.6334, 106.7755



56.5057, 81.0873, 63.8315



16.3981, 17.5959, 22.7820



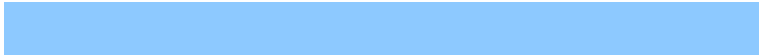
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



49.9227, 54.6580, 102.5266



43.7913, 47.7522, 101.5168



39.1309, 33.0742, 98.9293



17.7943, 18.9603, 22.9718



14.0522, 13.0140, 51.2059



1.4777, 1.4860, 5.0222

Inverse Universe

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



61.3086, 44.5283, 60.6239



56.9060, 37.7605, 52.8756



80.6078, 92.3027, 38.7689



18.4088, 18.1468, 20.7701



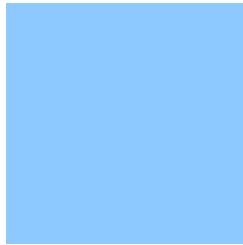
23.8811, 12.0417, 13.2903



2.3805, 1.1946, 1.5849

Previews

White Background



This preview shows how the XYZ color 49.9211, 54.6560, 102.5263 looks on a white background.

Color Contrast Check

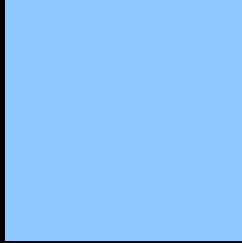
Large Text (above 18pt) WCAG AA × Fail

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 49.9211, 54.6560, 102.5263 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

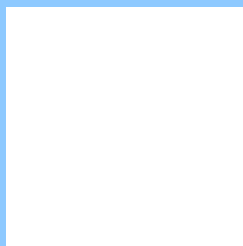
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9211, 54.6560, 102.5263

Background



This preview shows how black text looks on a background with the XYZ color 49.9211, 54.6560, 102.5263.



This preview shows how white text looks on a background with the XYZ color 49.9211, 54.6560,

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

49.9211, 54.6560, 102.5263

Protanopia

54.7709, 54.2421, 97.2056

Deuteranopia

55.5032, 54.1849, 102.1411



Tritanopia

45.1478, 54.8589, 78.0213

Trichromacy



Original Color

49.9211, 54.6560, 102.5263

Protanomaly

52.6536, 54.1022, 98.9344

Deuteranomaly

53.2910, 54.3572, 102.2910

Tritanomaly

46.8184, 54.8117, 86.7094

Monochromacy



Original Color

49.9211, 54.6560, 102.5263

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0935, 51.7147, 70.3979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9211, 54.6560, 102.5263 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(141, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 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(141, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 49.9211, 54.6560, 102.5263 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(141, 201, 255) }
```


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

```
.border{ border-color:rgb(141, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9211, 54.6560, 102.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 255) }
```

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

```
.background{ background-color: rgb(141,  
201, 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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