

Converting Colors

XYZ(49.1069, 53.1354,
102.2757)

Have a look what the booklet for
XYZ(49.1069, 53.1354, 102.2757)
contains.

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Color

**XYZ(49.2286, 53.2709,
102.2954)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC6FF
RGB	141, 198, 255
RGB Percent	55%, 78%, 100%
CMY	0.4470, 0.2235, 0.0000
CMYK	0.45, 0.22, 0.00, 0.00
HSL	210°, 100%, 78%
HSV	210°, 45%, 100%
XYZ	49.2286, 53.2709, 102.2954
YIQ	187.4550, -52.2690, 5.6430

Conversions

Conversions Part 2

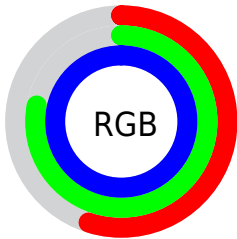
Format	Color
R _Y B	141, 179, 255
Decimal	9291519
CIE Lab	78.03, -3.78, -33.75
CIE LCh	78, 33.965, 263.608
Yxy	53.2709, 0.2404, 0.2601
Android (android.graphics.Color)	4287481599 (0xFF8DC6FF)
YUV	187.4550, 33.2997, -40.7410
Hunter-Lab	72.9869, -7.3315, -32.0075

Details

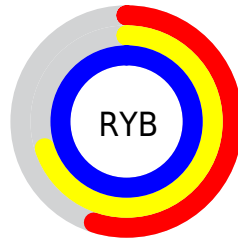
The XYZ color **49.2286, 53.2709, 102.2954** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.2426, 63.5723, 33.9806**, and the grayscale version is **47.3314, 49.7963, 54.2281**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **23.8225, 25.9086, 57.1714** is the 20% darker color. If you saturate the color by 10%, you get **42.5889, 45.7032, 101.1847**, and if you desaturate by 10%, it is **57.1150, 61.8476, 103.5352**.

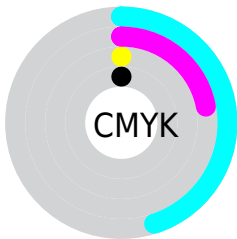
Distribution



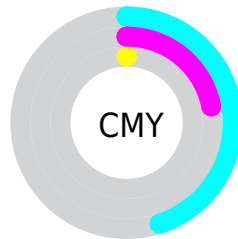
- Red (55%)
- Green (78%)
- Blue (100%)



- Red (55%)
- Yellow (70%)
- Blue (100%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2286, 53.2709, 102.2954 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 49.2286, 53.2709, 102.2954 by changing the saturation by 10% instead.

■ 49.2286, 53.2709,
102.2954

■ 49.2286, 53.2709,
102.2954

374.1436,
399.3236, 588.8365

■ 35.0161, 38.0191,
77.5914

■ 88.2296, 95.0029,
166.3873

■ 23.8419, 25.9975,
57.2239

■ 113.7488,
122.2518, 206.6123

■ 15.3405, 16.8218,
40.7745

143.7676,
154.2686, 252.8480

■ 9.1466, 10.1075,
27.8245

178.6514,
191.4376, 305.5130

■ 4.8948, 5.4703,
17.9555

218.7656,
234.1432, 365.0258

■ 2.2198, 2.5258,
10.7490

264.4754,

■ 0.7531, 0.8895,

282.7698, 431.8050

5.7863

316.1463,
337.7018, 506.2691

■ 0.0000, 0.0000,
2.6489

■ 0.0000, 0.0000,
0.9175

■ 49.2286, 53.2709,
102.2954

■ 49.2286, 53.2709,
102.2954

■ 42.5889, 45.7032,
101.1847

■ 57.1150, 61.8476,
103.5352

■ 37.1155, 39.0910,
100.1969

■ 66.3118, 71.4717,
104.9081

■ 32.7255, 33.3833,
99.3265

■ 76.8840, 82.1858,
106.4190

■ 29.3212, 28.5201,
98.5673

■ 88.8904, 94.0286,
108.0720

■ 26.7838, 24.4299,
97.9115

95.0500, 100.0000,
108.9000

■ 25.7043, 22.5286,
97.6014

Harmonies

Analogous

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



43.4498, 53.2709, 92.5741



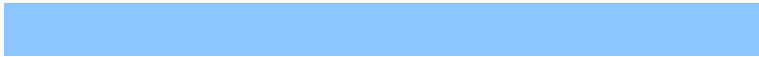
49.2286, 53.2709, 102.2954



55.9029, 53.2709, 98.2276

Triad

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



49.2286, 53.2709, 102.2954



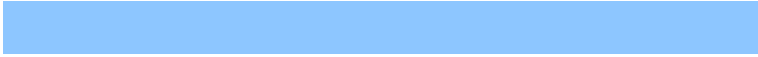
63.2140, 53.2709, 44.5945



41.0618, 53.2709, 38.9519

Complementary

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



49.2286, 53.2709, 102.2954



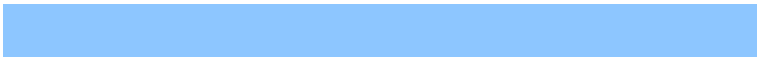
66.2426, 63.5723, 33.9806

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.



45.7040, 53.2709, 30.6021



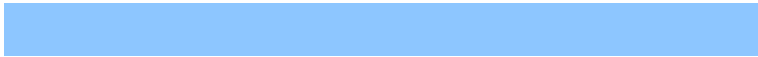
49.2286, 53.2709, 102.2954



58.5659, 53.2709, 33.3289

Square

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



49.2286, 53.2709, 102.2954



64.3644, 53.2709, 62.1564



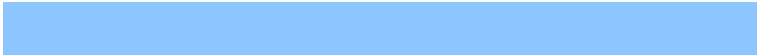
52.0626, 53.2709, 28.7947



39.0071, 53.2709, 54.0388

Rectangle

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



49.2286, 53.2709, 102.2954



59.9288, 53.2709, 88.6041



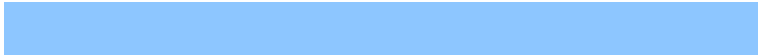
52.0626, 53.2709, 28.7947



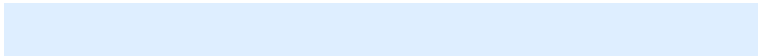
42.3508, 53.2709, 35.4094

Sweetspot

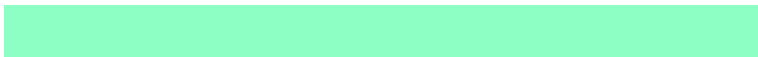
The Sweet Spot groups the original color and five complimentary colors.



49.2302, 53.2728, 102.2957



78.8268, 84.1229, 106.6905



56.7209, 81.1734, 64.9644



16.3352, 17.4700, 22.7610



0.0000, 0.0000, 0.0000



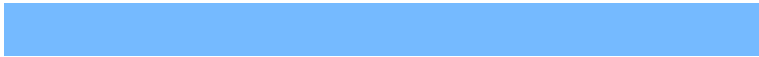
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2302, 53.2728, 102.2957



43.0172, 46.2041, 101.2588



38.8436, 32.4996, 98.8335



17.7534, 18.8785, 22.9581



13.5804, 12.0703, 51.0486



1.4315, 1.3936, 5.0068

Inverse Universe

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



60.9591, 44.3886, 58.7830



56.5153, 37.6042, 50.8181



81.2050, 93.4970, 38.9681



18.3882, 18.1386, 20.6613



23.6429, 11.9465, 12.0361



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 49.2286, 53.2709, 102.2954 looks on a white background.

Color Contrast Check

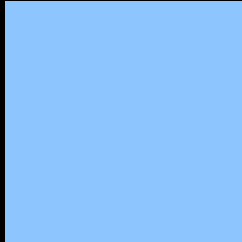
Large Text (above 18pt) WCAG AA × Fail

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 49.2286, 53.2709, 102.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

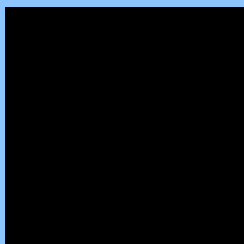
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

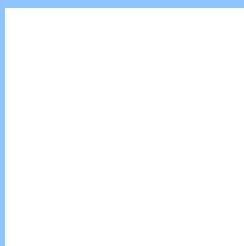
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2286, 53.2709, 102.2954

Background



This preview shows how black text looks on a background with the XYZ color 49.2286, 53.2709, 102.2954.



This preview shows how white text looks on a background with the XYZ color 49.2286, 53.2709,

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

49.2286, 53.2709, 102.2954

Protanopia

53.6438, 53.0136, 97.0278

Deuteranopia

54.1521, 52.8453, 101.9538



Tritanopia

44.0041, 53.2315, 76.3621

Trichromacy



Original Color

49.2286, 53.2709, 102.2954

Protanomaly

51.7924, 52.9975, 98.7666

Deuteranomaly

52.0039, 52.7058, 102.0401

Tritanomaly

45.8202, 53.2751, 84.9589

Monochromacy



Original Color

49.2286, 53.2709, 102.2954

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0920, 50.5611, 69.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2286, 53.2709, 102.2954 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 49.2286, 53.2709, 102.2954 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, 198, 255) }
```


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

```
.border{ border-color:rgb(141, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 198, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 198, 255); box-shadow:4px 4px 4px 4px rgb(141, 198, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2286, 53.2709, 102.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 198, 255) }
```

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

```
.background{ background-color: rgb(141,  
198, 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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