

Converting Colors

XYZ(52.4698, 53.5014,
122.4733)

Have a look what the booklet for
XYZ(52.4698, 53.5014, 122.4733)
contains.

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Color

**XYZ(48.5496, 51.9129,
102.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC3FF
RGB	141, 195, 255
RGB Percent	55%, 76%, 100%
CMY	0.4470, 0.2353, 0.0000
CMYK	0.45, 0.24, 0.00, 0.00
HSL	212°, 100%, 78%
HSV	212°, 45%, 100%
XYZ	48.5496, 51.9129, 102.0691
YIQ	185.6940, -51.4440, 7.2120

Conversions

Conversions Part 2

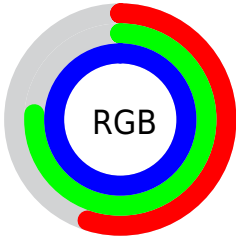
Format	Color
RYB	141, 178, 255
Decimal	9290751
CIELab	77.23, -2.16, -35.00
CIELCh	77, 35.065, 266.465
Yxy	51.9129, 0.2397, 0.2563
Android (android.graphics.Color)	4287480831 (0xFF8DC3FF)
YUV	185.6940, 34.1679, -39.1966
Hunter-Lab	72.0506, -5.8106, -33.5566

Details

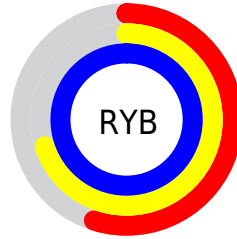
The XYZ color **48.5496, 51.9129, 102.0691** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.9352, 64.9575, 34.2115**, and the grayscale version is **46.3381, 48.7513, 53.0902**.

A 20% lighter version of the original color is **76.1004, 88.3565, 107.6513**, and **23.5222, 25.3080, 57.0713** is the 20% darker color. If you saturate the color by 10%, you get **41.8293, 44.1842, 100.9315**, and if you desaturate by 10%, it is **56.5414, 60.7005, 103.3441**.

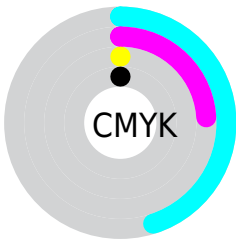
Distribution



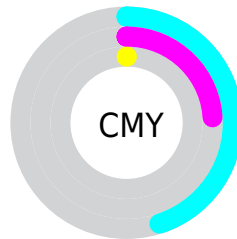
- Red (55%)
- Green (76%)
- Blue (100%)



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



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5496, 51.9129, 102.0691 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 48.5496, 51.9129, 102.0691 by changing the saturation by 10% instead.

■ 48.5496, 51.9129,
102.0691

■ 48.5496, 51.9129,
102.0691

371.5129,
394.1003, 588.1095

■ 34.4754, 36.9357,
77.4032

■ 87.2269, 93.0028,
166.0743

■ 23.4237, 25.1577,
57.0703

■ 112.5607,
119.8842, 206.2507

■ 15.0291, 16.1946,
40.6519

142.3784,
151.5025, 252.4343

■ 8.9262, 9.6619,
27.7296

177.0454,
188.2420, 305.0436

■ 4.7498, 5.1754,
17.8846

216.9269,
230.4871, 364.4973

■ 2.1345, 2.3505,
10.6986

262.3885,

■ 0.7079, 0.8003,

278.6223, 431.2138

5.7529

313.7954,
333.0319, 505.6117

■ 0.0000, 0.0000,
2.6291

■ 0.0000, 0.0000,
0.9074

■ 48.5496, 51.9129,
102.0691

■ 48.5496, 51.9129,
102.0691

■ 41.8293, 44.1842,
100.9315

■ 56.5414, 60.7005,
103.3441

■ 36.2993, 37.4587,
99.9248

■ 65.8697, 70.5874,
104.7608

■ 31.8755, 31.6833,
99.0432

■ 76.6002, 81.6183,
106.3244

■ 28.4589, 26.7955,
98.2798

■ 88.7929, 93.8336,
108.0395

■ 25.9294, 22.7213,
97.6268

95.0500, 100.0000,
108.9000

■ 24.8619, 20.8438,
97.3206

Harmonies

Analogous

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



42.5444, 51.9129, 93.3064



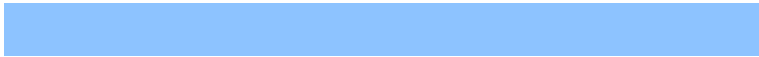
48.5496, 51.9129, 102.0691



55.3248, 51.9129, 96.5282

Triad

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



48.5496, 51.9129, 102.0691



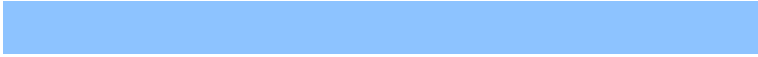
61.8315, 51.9129, 41.5892



39.3391, 51.9129, 38.4521

Complementary

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



48.5496, 51.9129, 102.0691



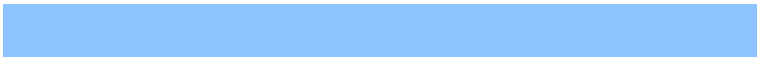
66.9352, 64.9575, 34.2115

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.



43.8062, 51.9129, 29.4547



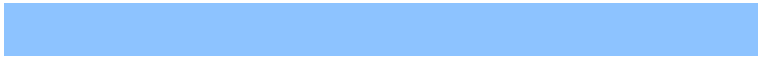
48.5496, 51.9129, 102.0691



56.8269, 51.9129, 30.9564

Square

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



48.5496, 51.9129, 102.0691



63.3892, 51.9129, 58.8358



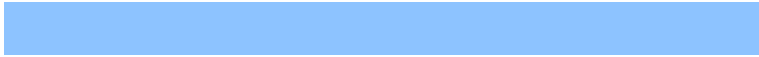
50.1423, 51.9129, 27.0580



37.5398, 51.9129, 54.2742

Rectangle

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



48.5496, 51.9129, 102.0691



59.3106, 51.9129, 86.0248



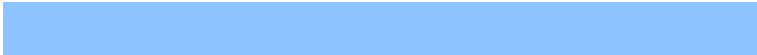
50.1423, 51.9129, 27.0580



40.5575, 51.9129, 34.6811

Sweetspot

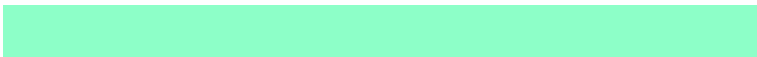
The Sweet Spot groups the original color and five complimentary colors.



48.5512, 51.9148, 102.0694



78.5727, 83.6149, 106.6058



57.1593, 81.3487, 67.2731



16.2726, 17.3449, 22.7402



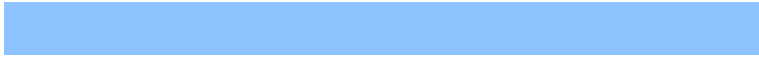
0.0000, 0.0000, 0.0000



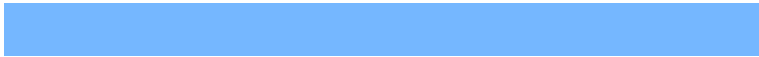
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5512, 51.9148, 102.0694



42.2625, 44.6948, 101.0072



38.8869, 32.1024, 98.7546



17.7127, 18.7969, 22.9446



13.1379, 11.1853, 50.9011



1.3876, 1.3059, 4.9922

Inverse Universe

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



60.6163, 44.2515, 56.9782



56.1344, 37.4518, 48.8123



81.1126, 94.3447, 39.1366



18.3676, 18.1304, 20.5530



23.4196, 11.8571, 10.8600



2.3350, 1.1764, 1.3456

Previews

White Background



This preview shows how the XYZ color 48.5496, 51.9129, 102.0691 looks on a white background.

Color Contrast Check

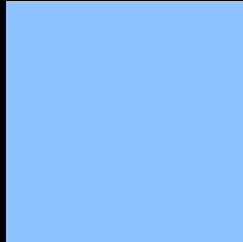
Large Text (above 18pt) WCAG AA × Fail

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 48.5496, 51.9129, 102.0691 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

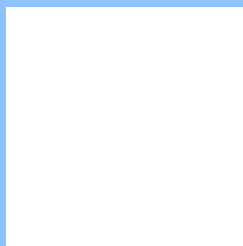
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5496, 51.9129, 102.0691

Background



This preview shows how black text looks on a background with the XYZ color 48.5496, 51.9129, 102.0691.



This preview shows how white text looks on a background with the XYZ color 48.5496, 51.9129,

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

48.5496, 51.9129, 102.0691

Protanopia

52.4721, 51.7528, 97.6662

Deuteranopia

52.8336, 51.5313, 101.7696



Tritanopia

42.9813, 52.0488, 74.1107

Trichromacy



Original Color

48.5496, 51.9129, 102.0691

Protanomaly

50.8994, 51.8669, 99.4241

Deuteranomaly

51.1614, 51.6240, 101.8757

Tritanomaly

44.6787, 51.6847, 83.2226

Monochromacy



Original Color

48.5496, 51.9129, 102.0691

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5330, 49.6444, 68.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5496, 51.9129, 102.0691 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, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 195, 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, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.5496, 51.9129, 102.0691 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, 195, 255) }
```


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

```
.border{ border-color:rgb(141, 195, 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, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5496, 51.9129, 102.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 195, 255) }
```

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

```
.background{ background-color: rgb(141,  
195, 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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