

Converting Colors

XYZ(48.2147, 49.1502,
101.5535)

Have a look what the booklet for
XYZ(48.2147, 49.1502, 101.5535)
contains.

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Color

**XYZ(48.2147, 49.1502,
101.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	95BBFF
RGB	149, 187, 255
RGB Percent	58%, 73%, 100%
CMY	0.4157, 0.2667, 0.0000
CMYK	0.42, 0.27, 0.00, 0.00
HSL	218°, 100%, 79%
HSV	218°, 42%, 100%
XYZ	48.2147, 49.1502, 101.5535
YIQ	183.3900, -44.4760, 13.0920

Conversions

Conversions Part 2

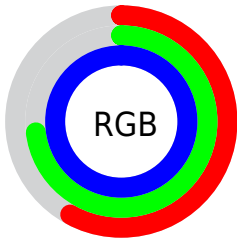
Format	Color
RYB	149, 177, 255
Decimal	9812991
CIELab	75.54, 4.18, -37.57
CIELCh	76, 37.803, 276.342
Yxy	49.1502, 0.2424, 0.2471
Android (android.graphics.Color)	4288003071 (0xFF95BBFF)
YUV	183.3900, 35.3037, -30.1600
Hunter-Lab	70.1072, 0.0719, -36.8092

Details

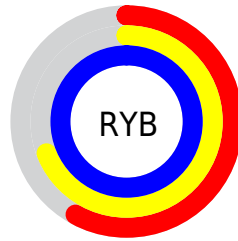
The XYZ color **48.2147, 49.1502, 101.5535** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.4783, 73.0564, 38.7696**, and the grayscale version is **45.0548, 47.4011, 51.6198**.

A 20% lighter version of the original color is **75.5542, 84.4430, 106.9247**, and **23.2323, 23.4546, 56.7288** is the 20% darker color. If you saturate the color by 10%, you get **40.7866, 40.4601, 100.2676**, and if you desaturate by 10%, it is **57.0596, 59.1596, 103.0193**.

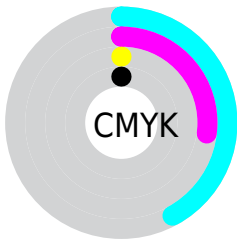
Distribution



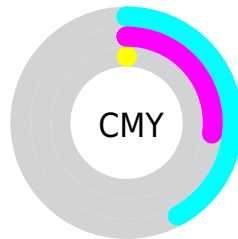
- Red (58%)
- Green (73%)
- Blue (100%)



- Red (58%)
- Yellow (69%)
- Blue (100%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2147, 49.1502, 101.5535 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 48.2147, 49.1502, 101.5535 by changing the saturation by 10% instead.

■ 48.2147, 49.1502,
101.5535

■ 48.2147, 49.1502,
101.5535

370.2110,
383.3333, 586.4511

■ 34.2089, 34.7386,
76.9745

■ 86.7317, 88.9145,
165.3609

■ 23.2178, 23.4616,
56.7205

■ 111.9737,
115.0360, 205.4263

■ 14.8760, 14.9347,
40.3730

141.6918,
145.8297, 251.4909

■ 8.8181, 8.7736,
27.5135

176.2513,
181.6798, 303.9733

■ 4.6789, 4.5938,
17.7234

216.0176,
222.9708, 363.2920

■ 2.0929, 2.0110,
10.5842

261.3561,

■ 0.6854, 0.6138,

270.0872, 429.8655

5.6774

312.6321,
323.4132, 504.1123

■ 0.0000, 0.0000,
2.5843

■ 0.0000, 0.0000,
0.8843

■ 48.2147, 49.1502,
101.5535

■ 48.2147, 49.1502,
101.5535

■ 40.7866, 40.4601,
100.2676

■ 57.0596, 59.1596,
103.0193

■ 34.6904, 33.0228,
99.1534

■ 67.3903, 70.5395,
104.6714

■ 29.8384, 26.7735,
98.2029

■ 79.2768, 83.3448,
106.5166

■ 26.1293, 21.6380,
97.4071

■ 92.7829, 97.6255,
108.5612

■ 23.4432, 17.5312, 95.0500, 100.0000,
96.7560 108.9000

■ 21.8268, 14.7735,
96.3089

Harmonies

Analogous

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



41.5324, 49.1502, 97.0296



48.2147, 49.1502, 101.5535



55.1328, 49.1502, 90.8499

Triad

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



48.2147, 49.1502, 101.5535



58.3870, 49.1502, 33.8100



35.4651, 49.1502, 39.5214

Complementary

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



48.2147, 49.1502, 101.5535



71.4783, 73.0564, 38.7696

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.



39.2022, 49.1502, 28.1337



48.2147, 49.1502, 101.5535



52.3134, 49.1502, 25.4567

Square

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



48.2147, 49.1502, 101.5535



61.3713, 49.1502, 49.3799



45.2483, 49.1502, 23.6741



34.6015, 49.1502, 57.8772

Rectangle

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



48.2147, 49.1502, 101.5535



58.8066, 49.1502, 77.7825



45.2483, 49.1502, 23.6741



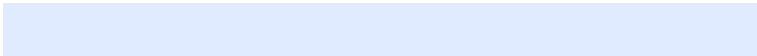
36.4074, 49.1502, 34.9080

Sweetspot

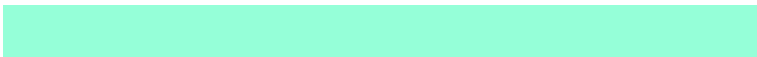
The Sweet Spot groups the original color and five complimentary colors.



48.2162, 49.1520, 101.5538



78.7290, 82.7600, 106.4326



60.5673, 82.8748, 77.8614



16.5014, 17.3401, 22.7272



0.0000, 0.0000, 0.0000



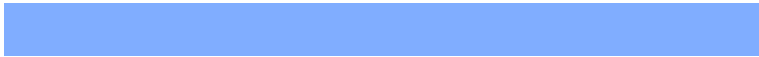
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2162, 49.1520, 101.5538



41.8606, 41.7375, 100.4576



43.9305, 36.5173, 99.3409



17.5359, 18.4434, 22.8856



11.5328, 7.9752, 50.3661



1.2218, 0.9743, 4.9369

Inverse Universe

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



60.9581, 46.3443, 52.7480



56.4571, 39.5934, 44.3075



77.4155, 92.3675, 42.1841



18.2784, 18.0947, 20.0832



22.6094, 11.5331, 6.5937



2.2513, 1.1429, 0.9049

Previews

White Background



This preview shows how the XYZ color 48.2147, 49.1502, 101.5535 looks on a white background.

Color Contrast Check

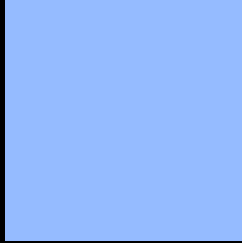
Large Text (above 18pt) WCAG AA × Fail

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 48.2147, 49.1502, 101.5535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

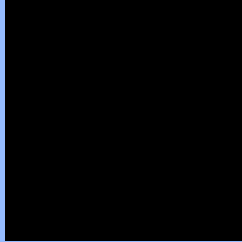
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

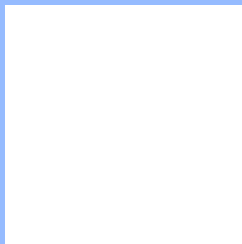
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2147, 49.1502, 101.5535

Background



This preview shows how black text looks on a background with the XYZ color 48.2147, 49.1502, 101.5535.



This preview shows how white text looks on a background with the XYZ color 48.2147, 49.1502,

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

48.2147, 49.1502, 101.5535

Protanopia

50.2301, 49.0022, 98.9064

Deuteranopia

50.0877, 48.8735, 101.4014



Tritanopia

41.5895, 49.0517, 68.9039

Trichromacy



Original Color

48.2147, 49.1502, 101.5535

Protanomaly

49.3673, 48.8464, 99.7549

Deuteranomaly

49.2910, 48.7701, 101.4234

Tritanomaly

43.6993, 48.9080, 79.8100

Monochromacy



Original Color

48.2147, 49.1502, 101.5535

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4437, 47.5424, 67.1031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2147, 49.1502, 101.5535 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(149, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 187, 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(149, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.2147, 49.1502, 101.5535 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(149, 187, 255) }
```


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

```
.border{ border-color:rgb(149, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2147, 49.1502, 101.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 187, 255) }
```

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

```
.background{ background-color: rgb(149,  
187, 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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