

Converting Colors

XYZ(47.1093, 47.2358,
101.2422)

Have a look what the booklet for
XYZ(47.1093, 47.2358, 101.2422)
contains.

XYZ(47.1962, 47.3829, 101.2660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1962, 47.3829,
101.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	94B7FF
RGB	148, 183, 255
RGB Percent	58%, 72%, 100%
CMY	0.4196, 0.2823, 0.0000
CMYK	0.42, 0.28, 0.00, 0.00
HSL	220°, 100%, 79%
HSV	220°, 42%, 100%
XYZ	47.1962, 47.3829, 101.2660
YIQ	180.7430, -43.9720, 14.9720

Conversions

Conversions Part 2

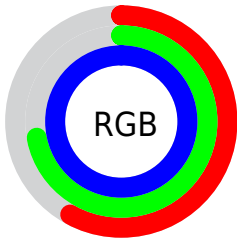
Format	Color
R_{YB}	148, 174, 255
Decimal	9746431
CIE _{Lab}	74.43, 6.14, -39.30
CIE _{LCh}	74, 39.778, 278.873
Yxy	47.3829, 0.2410, 0.2419
Android (android.graphics.Color)	4287936511 (0xFF94B7FF)
YUV	180.7430, 36.6087, -28.7156
Hunter-Lab	68.8352, 1.9251, -39.0390

Details

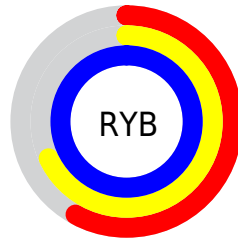
The XYZ color **47.1962, 47.3829, 101.2660** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1792, 74.5853, 38.6110**, and the grayscale version is **43.6093, 45.8804, 49.9638**.

A 20% lighter version of the original color is **74.0933, 81.9321, 106.5171**, and **22.5893, 22.3178, 56.5433** is the 20% darker color. If you saturate the color by 10%, you get **39.7556, 38.6104, 99.9649**, and if you desaturate by 10%, it is **56.0872, 57.5455, 102.7590**.

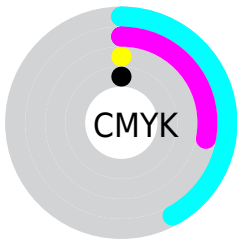
Distribution



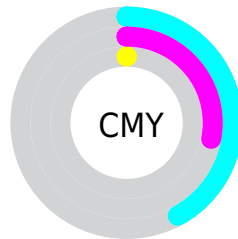
- Red (58%)
- Green (72%)
- Blue (100%)



- Red (58%)
- Yellow (68%)
- Blue (100%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1962, 47.3829, 101.2660 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 47.1962, 47.3829, 101.2660 by changing the saturation by 10% instead.

■ 47.1962, 47.3829,
101.2660

■ 47.1962, 47.3829,
101.2660

366.2330,
376.3408, 585.5253

■ 33.3994, 33.3385,
76.7355

■ 85.2234, 86.2849,
164.9629

■ 22.5933, 22.3858,
56.5255

■ 110.1844,
111.9112, 204.9664

■ 14.4125, 14.1407,
40.2176

139.5976,
142.1670, 250.9645

■ 8.4917, 8.2186,
27.3932

173.8283,
177.4365, 303.3760

■ 4.4656, 4.2351,
17.6337

213.2418,
218.1043, 362.6193

■ 1.9688, 1.8059,
10.5206

258.2035,

■ 0.6163, 0.4909,

264.5547, 429.1129

5.6354

309.0788,
317.1721, 503.2754

■ 0.0000, 0.0000,
2.5595

■ 0.0000, 0.0000,
0.8714

■ 47.1962, 47.3829,
101.2660

■ 47.1962, 47.3829,
101.2660

■ 39.7556, 38.6104,
99.9649

■ 56.0872, 57.5455,
102.7590

■ 33.6780, 31.1571,
98.8466

■ 66.5000, 69.1540,
104.4509

■ 28.8729, 24.9532,
97.9024

■ 78.5066, 82.2672,
106.3492

■ 25.2358, 19.9187,
97.1224

■ 92.1729, 96.9388,
108.4608

■ 22.6429, 15.9621, 95.0500, 100.0000,
96.4953 108.9000

■ 21.1748, 13.4697,
96.0916

Harmonies

Analogous

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



40.2470, 47.3829, 97.8841



47.1962, 47.3829, 101.2660



54.2549, 47.3829, 88.8439

Triad

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



47.1962, 47.3829, 101.2660



56.6456, 47.3829, 30.5667



33.3607, 47.3829, 38.6280

Complementary

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



47.1962, 47.3829, 101.2660



72.1792, 74.5853, 38.6110

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.



36.9255, 47.3829, 26.5519



47.1962, 47.3829, 101.2660



50.1907, 47.3829, 22.8296

Square

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



47.1962, 47.3829, 101.2660



60.0782, 47.3829, 45.7382



42.9428, 47.3829, 21.5859



32.7409, 47.3829, 57.9249

Rectangle

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



47.1962, 47.3829, 101.2660



57.8994, 47.3829, 74.8144



42.9428, 47.3829, 21.5859



34.2347, 47.3829, 33.7534

Sweetspot

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



47.1977, 47.3846, 101.2663



77.1805, 80.8304, 106.1417



60.8039, 82.9484, 80.0551



15.9306, 16.6608, 22.6262



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.



47.1977, 47.3846, 101.2663



41.1033, 40.2231, 100.2052



44.3323, 36.4906, 99.3146



17.4882, 18.3480, 22.8697



11.1847, 7.2789, 50.2501



1.1838, 0.8983, 4.9243

Inverse Universe

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



60.3782, 45.8602, 50.4711



56.0749, 39.4405, 42.2948



76.0866, 91.6916, 41.7069



18.2543, 18.0850, 19.9564



22.4337, 11.4628, 5.6684



2.2321, 1.1352, 0.8038

Previews

White Background



This preview shows how the XYZ color 47.1962, 47.3829, 101.2660 looks on a white background.

Color Contrast Check

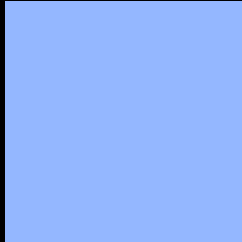
Large Text (above 18pt) WCAG AA × Fail

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 47.1962, 47.3829, 101.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

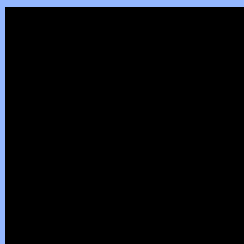
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

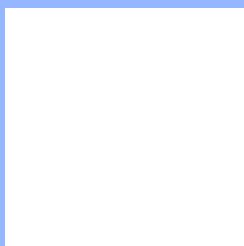
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1962, 47.3829, 101.2660

Background



This preview shows how black text looks on a background with the XYZ color 47.1962, 47.3829, 101.2660.



This preview shows how white text looks on a background with the XYZ color 47.1962, 47.3829,

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

47.1962, 47.3829, 101.2660

Protanopia

48.7488, 47.3114, 99.4912

Deuteranopia

48.6744, 47.5368, 101.2179



Tritanopia

40.1038, 47.3552, 66.0583

Trichromacy



Original Color

47.1962, 47.3829, 101.2660

Protanomaly

48.1236, 47.2714, 100.3538

Deuteranomaly

48.1044, 47.5459, 101.2496

Tritanomaly

42.4674, 47.3525, 77.4227

Monochromacy



Original Color

47.1962, 47.3829, 101.2660

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4753, 46.4450, 66.2952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1962, 47.3829, 101.2660 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(148, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 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(148, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.1962, 47.3829, 101.2660 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(148, 183, 255) }
```


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

```
.border{ border-color:rgb(148, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1962, 47.3829, 101.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 255) }
```

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

```
.background{ background-color: rgb(148,  
183, 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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