

Converting Colors

XYZ(46.5588, 47.1279, 97.9095)

Have a look what the booklet for
XYZ(46.5588, 47.1279, 97.9095)
contains.

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Color

**XYZ(46.5588, 47.1279,
97.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	94B7FB
RGB	148, 183, 251
RGB Percent	58%, 72%, 98%
CMY	0.4196, 0.2823, 0.0157
CMYK	0.41, 0.27, 0.00, 0.02
HSL	220°, 93%, 78%
HSV	220°, 41%, 98%
XYZ	46.5588, 47.1279, 97.9095
YIQ	180.2870, -42.6880, 13.7280

Conversions

Conversions Part 2

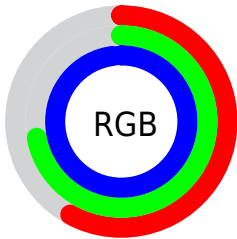
Format	Color
RYB	148, 174, 251
Decimal	9746427
CIELab	74.27, 5.05, -37.40
CIELCh	74, 37.740, 277.683
Yxy	47.1279, 0.2430, 0.2460
Android (android.graphics.Color)	4287936507 (0xFF94B7FB)
YUV	180.2870, 34.8615, -28.3157
Hunter-Lab	68.6498, 0.9230, -36.5056

Details

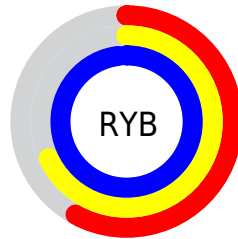
The XYZ color **46.5588, 47.1279, 97.9095** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.6862, 71.7607, 38.1971**, and the grayscale version is **43.3729, 45.6317, 49.6929**.

A 20% lighter version of the original color is **74.0933, 81.9321, 106.5171**, and **22.1339, 22.1356, 54.1450** is the 20% darker color. If you saturate the color by 10%, you get **39.2824, 38.5988, 96.6476**, and if you desaturate by 10%, it is **55.2252, 56.9728, 99.3539**.

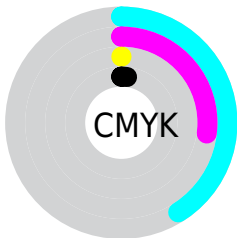
Distribution



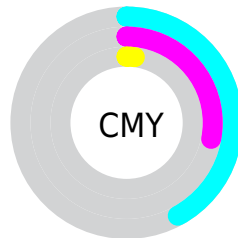
- Red (58%)
- Green (72%)
- Blue (98%)



- Red (58%)
- Yellow (68%)
- Blue (98%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (28%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5588, 47.1279, 97.9095 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 46.5588, 47.1279, 97.9095 by changing the saturation by 10% instead.

■ 46.5588, 47.1279,
97.9095

■ 46.5588, 47.1279,
97.9095

363.7291,
375.3248, 574.6586

■ 32.8935, 33.1368,
73.9487

■ 84.2774, 85.9045,
160.3081

■ 22.2037, 22.2312,
54.2555

■ 109.0615,
111.4588, 199.5830

■ 14.1241, 14.0269,
38.4114

138.2824,
141.6362, 244.7997

■ 8.2893, 8.1394,
25.9979

172.3057,
176.8212, 296.3767

■ 4.3340, 4.1843,
16.5963

211.4967,
217.3982, 354.7325

■ 1.8928, 1.7772,
9.7882

256.2207,

■ 0.5726, 0.4729,

263.7515, 420.2858

5.1550

306.8430,
316.2656, 493.4550

■ 0.0000, 0.0000,
2.2781

■ 0.0000, 0.0000,
0.7189

■ 46.5588, 47.1279,
97.9095

■ 46.5588, 47.1279,
97.9095

■ 39.2824, 38.5988,
96.6476

■ 55.2252, 56.9728,
99.3539

■ 33.3129, 31.3193,
95.5571

■ 65.3485, 68.1848,
100.9844

■ 28.5653, 25.2247,
94.6310

■ 76.9968, 80.8187,
102.8091

■ 24.9417, 20.2411,
93.8600

■ 90.2323, 94.9246,
104.8342

■ 22.3262, 16.2842,
93.2341

94.4128, 99.7451,
105.5443

■ 20.6842, 13.5080,
92.7848

Harmonies

Analogous

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



40.0242, 47.1279, 94.1721



46.5588, 47.1279, 97.9095



53.2429, 47.1279, 86.8882

Triad

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



46.5588, 47.1279, 97.9095



55.9210, 47.1279, 31.7111



33.7855, 47.1279, 38.4044

Complementary

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



46.5588, 47.1279, 97.9095



69.6862, 71.7607, 38.1971

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.



37.2892, 47.1279, 27.0787



46.5588, 47.1279, 97.9095



49.9277, 47.1279, 23.9490

Square

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



46.5588, 47.1279, 97.9095



58.9921, 47.1279, 46.4840



43.0737, 47.1279, 22.4985



33.0785, 47.1279, 56.4680

Rectangle

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



46.5588, 47.1279, 97.9095



56.7363, 47.1279, 73.9692



43.0737, 47.1279, 22.4985



34.6568, 47.1279, 33.8333

Sweetspot

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



46.5604, 47.1297, 97.9106



78.5651, 82.4323, 106.3779



58.9707, 80.1952, 76.6290



16.4630, 17.2633, 22.7144



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.



46.5604, 47.1297, 97.9106



42.1131, 41.6688, 100.4310



43.2007, 35.9808, 95.9358



16.7651, 17.6070, 21.9002



10.9930, 7.3416, 48.8112



1.1121, 0.8679, 4.5521

Inverse Universe

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



58.9222, 45.1097, 50.4029



56.7246, 40.2367, 44.0630



74.2865, 88.8895, 41.2609



17.4880, 17.3225, 19.1594



21.8408, 11.1520, 5.8700



2.0703, 1.0518, 0.7935

Previews

White Background



This preview shows how the XYZ color 46.5588, 47.1279, 97.9095 looks on a white background.

Color Contrast Check

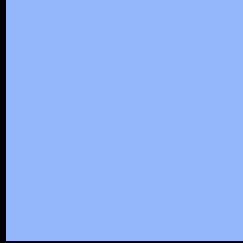
Large Text (above 18pt) WCAG AA × Fail

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 46.5588, 47.1279, 97.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

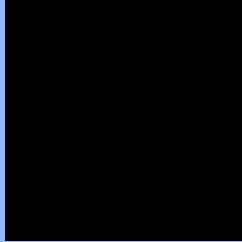
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5588, 47.1279, 97.9095

Background



This preview shows how black text looks on a background with the XYZ color 46.5588, 47.1279, 97.9095.



This preview shows how white text looks on a background with the XYZ color 46.5588, 47.1279,

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

46.5588, 47.1279, 97.9095

Protanopia

48.1648, 47.1012, 95.3598

Deuteranopia

48.3892, 47.1444, 98.6449



Tritanopia

40.0466, 47.0008, 65.9929

Trichromacy



Original Color

46.5588, 47.1279, 97.9095

Protanomaly

47.5274, 47.0554, 96.2002

Deuteranomaly

47.8049, 47.1439, 98.6756

Tritanomaly

42.1177, 46.8696, 76.6389

Monochromacy



Original Color

46.5588, 47.1279, 97.9095

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.8129, 45.8288, 64.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5588, 47.1279, 97.9095 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 251) }
```

Border

The CSS property to change the border of an element to XYZ 46.5588, 47.1279, 97.9095 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, 251) }
```


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

```
.border{ border-color:rgb(148, 183, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 251);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5588, 47.1279, 97.9095 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, 251) }
```

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

```
.background{ background-color: rgb(148,  
183, 251) }
```

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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