

Converting Colors

XYZ(44.9446, 42.8320, 94.4001)

Have a look what the booklet for
XYZ(44.9446, 42.8320, 94.4001)
contains.

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Color

**XYZ(45.0238, 42.8717,
94.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	9BABF8
RGB	155, 171, 248
RGB Percent	61%, 67%, 97%
CMY	0.3921, 0.3294, 0.0274
CMYK	0.37, 0.31, 0.00, 0.03
HSL	230°, 87%, 79%
HSV	230°, 37%, 97%
XYZ	45.0238, 42.8717, 94.7090
YIQ	174.9940, -34.2530, 20.5550

Conversions

Conversions Part 2

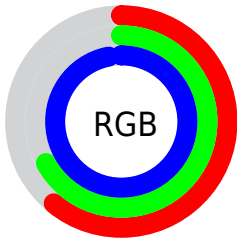
Format	Color
RYB	155, 169, 248
Decimal	10202104
CIELab	71.47, 12.75, -40.11
CIELCh	71, 42.086, 287.635
Yxy	42.8717, 0.2466, 0.2348
Android (android.graphics.Color)	4288392184 (0xFF9BABF8)
YUV	174.9940, 35.9920, -17.5347
Hunter-Lab	65.4765, 8.1587, -39.9270

Details

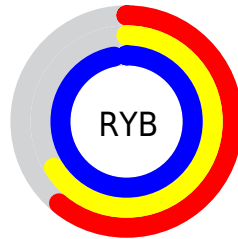
The XYZ color **45.0238, 42.8717, 94.7090** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73.4858, 80.0379, 42.5880**, and the grayscale version is **40.5782, 42.6914, 46.4909**.

A 20% lighter version of the original color is **72.3977, 75.6098, 105.3861**, and **21.2563, 19.6646, 51.9655** is the 20% darker color. If you saturate the color by 10%, you get **37.1621, 33.5022, 93.3156**, and if you desaturate by 10%, it is **54.4684, 53.9533, 96.3510**.

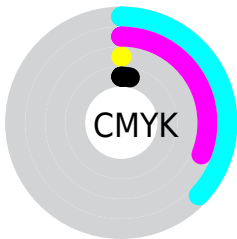
Distribution



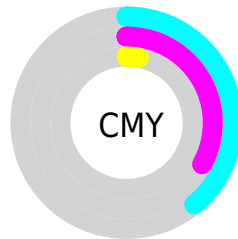
- Red (61%)
- Green (67%)
- Blue (97%)



- Red (61%)
- Yellow (66%)
- Blue (97%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0238, 42.8717, 94.7090 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 45.0238, 42.8717, 94.7090 by changing the saturation by 10% instead.

■ 45.0238, 42.8717,
94.7090

■ 45.0238, 42.8717,
94.7090

357.6520,
358.0839, 564.1935

■ 31.6775, 29.7845,
71.2972

■ 81.9930, 79.5172,
155.8546

■ 21.2697, 19.6750,
52.1015

■ 106.3466,
103.8443, 194.4256

■ 13.4348, 12.1591,
36.7032

135.1000,
132.6867, 238.8867

■ 7.8077, 6.8521,
24.6838

168.6186,
166.4290, 289.6565

■ 4.0229, 3.3698,
15.6247

207.2678,
205.4555, 347.1536

■ 1.7151, 1.3277,
9.1075

251.4128,

■ 0.4657, 0.1625,

250.1505, 411.7964

4.7136

301.4191,
300.8985, 484.0035

■ 0.0000, 0.0000,
2.0245

■ 0.0000, 0.0000,
0.5702

■ 45.0238, 42.8717,
94.7090

■ 45.0238, 42.8717,
94.7090

■ 37.1621, 33.5022,
93.3156

■ 54.4684, 53.9533,
96.3510

■ 30.7908, 25.7533,
92.1558

■ 65.5724, 66.8224,
98.2497

■ 25.8146, 19.5325,
91.2173

■ 78.4127, 81.5558,
100.4168

■ 22.1248, 14.7354,
90.4858

■ 93.0602, 98.2243,
102.8621

■ 19.5961, 11.2436,
89.9451

■ 93.9434, 99.5574,
103.0729

■ 18.0699, 8.9151,
89.5761

■ 17.7952, 8.4808,
89.5068

Harmonies

Analogous

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



37.8954, 42.8717, 96.2074



45.0238, 42.8717, 94.7090



51.6855, 42.8717, 78.2782

Triad

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



45.0238, 42.8717, 94.7090



50.6528, 42.8717, 23.3488



28.8193, 42.8717, 38.8013

Complementary

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



45.0238, 42.8717, 94.7090



73.4858, 80.0379, 42.5880

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.



31.4743, 42.8717, 24.9868



45.0238, 42.8717, 94.7090



43.7409, 42.8717, 17.9658

Square

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



45.0238, 42.8717, 94.7090



55.1858, 42.8717, 35.8129



36.7524, 42.8717, 18.4624



29.0778, 42.8717, 59.5491

Rectangle

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



45.0238, 42.8717, 94.7090



54.7156, 42.8717, 63.1858



36.7524, 42.8717, 18.4624



29.3865, 42.8717, 33.3324

Sweetspot

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



45.0253, 42.8733, 94.7100



78.5063, 81.1297, 106.1296



61.5031, 79.8712, 87.7406



16.4017, 16.9043, 22.6483



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.



45.0253, 42.8733, 94.7100



41.4766, 37.9557, 99.7479



48.5414, 40.4679, 94.0604



16.5244, 17.1255, 21.8199



9.6818, 4.7192, 48.3742



0.9620, 0.5677, 4.5021

Inverse Universe

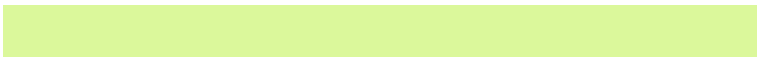
The Inverse Universe completely reimagines the original color for something new.



57.7848, 46.3412, 44.4287



56.9990, 42.6271, 38.4772



68.5633, 84.4928, 43.7073



17.3665, 17.2739, 18.5195



21.1790, 10.8873, 2.3849



1.9945, 1.0215, 0.3945

Previews

White Background



This preview shows how the XYZ color 45.0238, 42.8717, 94.7090 looks on a white background.

Color Contrast Check

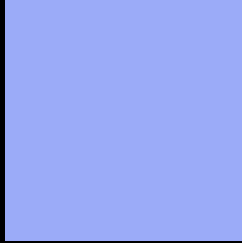
Large Text (above 18pt) WCAG AA × Fail

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 45.0238, 42.8717, 94.7090 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 45.0238, 42.8717, 94.7090

Background



This preview shows how black text looks on a background with the XYZ color 45.0238, 42.8717, 94.7090.



This preview shows how white text looks on a background with the XYZ color 45.0238, 42.8717,

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

45.0238, 42.8717, 94.7090

Protanopia

44.4291, 42.8286, 95.5476

Deuteranopia

44.0996, 42.9604, 94.7748



Tritanopia

37.6430, 42.7841, 58.4987

Trichromacy



Original Color

45.0238, 42.8717, 94.7090

Protanomaly

44.8003, 43.0200, 95.5650

Deuteranomaly

44.4583, 42.8617, 94.7369

Tritanomaly

40.0205, 42.5536, 70.3943

Monochromacy



Original Color

45.0238, 42.8717, 94.7090

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9452, 42.8612, 61.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0238, 42.8717, 94.7090 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(155, 171, 248)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 248)  
}
```

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(155, 171, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 248) }
```

Border

The CSS property to change the border of an element to XYZ 45.0238, 42.8717, 94.7090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

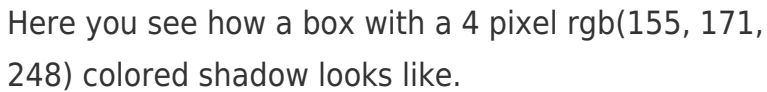
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 171, 248) }
```


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

```
.border{ border-color:rgb(155, 171, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 171, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 171, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 171, 248); box-shadow:4px 4px 4px 4px rgb(155, 171, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0238, 42.8717, 94.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 248) }
```

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

```
.background{ background-color: rgb(155,  
171, 248) }
```

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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