

Converting Colors

XYZ(38.9489, 38.8293, 73.1521)

Have a look what the booklet for
XYZ(38.9489, 38.8293, 73.1521)
contains.

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Color

**XYZ(38.9489, 38.8293,
73.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	95A6DC
RGB	149, 166, 220
RGB Percent	58%, 65%, 86%
CMY	0.4157, 0.3490, 0.1373
CMYK	0.32, 0.25, 0.00, 0.14
HSL	226°, 50%, 72%
HSV	226°, 32%, 86%
XYZ	38.9489, 38.8293, 73.1521
YIQ	167.0730, -27.4660, 13.1900

Conversions

Conversions Part 2

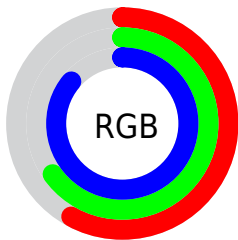
Format	Color
RYB	149, 163, 220
Decimal	9807580
CIELab	68.63, 6.61, -29.26
CIELCh	69, 29.995, 282.730
Yxy	38.8293, 0.2581, 0.2573
Android (android.graphics.Color)	4287997660 (0xFF95A6DC)
YUV	167.0730, 26.0930, -15.8500
Hunter-Lab	62.3132, 2.5236, -25.9839

Details

The XYZ color **38.9489, 38.8293, 73.1521** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.2967, 60.0981, 37.0680**, and the grayscale version is **36.6537, 38.5625, 41.9946**.

A 20% lighter version of the original color is **69.0833, 71.9120, 104.8471**, and **17.6327, 17.2380, 37.9952** is the 20% darker color. If you saturate the color by 10%, you get **32.4616, 31.2603, 72.0337**, and if you desaturate by 10%, it is **46.5927, 47.5836, 74.4397**.

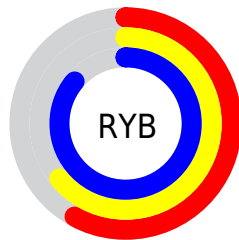
Distribution



Red (58%)

Green (65%)

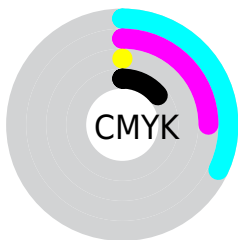
Blue (86%)



Red (58%)

Yellow (64%)

Blue (86%)

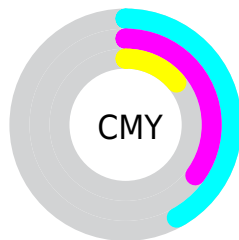


Cyan (32%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9489, 38.8293, 73.1521 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 38.9489, 38.8293, 73.1521 by changing the saturation by 10% instead.

■ 38.9489, 38.8293,
73.1521

■ 38.9489, 38.8293,
73.1521

332.8841,
341.1642, 490.6267

■ 26.9005, 26.6270,
53.6078

■ 72.8548, 73.3775,
125.4160

■ 17.6347, 17.2933,
37.8971

■ 95.4431, 96.4921,
158.9727

■ 10.7862, 10.4438,
25.6016

122.2753,
124.0129, 198.0372

■ 5.9895, 5.6942,
16.3028

153.7169,
156.3244, 243.0282

■ 2.8793, 2.6600,
9.5820

190.1333,
193.8108, 294.3640

■ 1.0902, 0.9569,
5.0207

231.8897,

■ 0.0169, 0.0000,

236.8567, 352.4634

2.2005

279.3515,
285.8464, 417.7448

■ 0.0000, 0.0000,
0.6746

■ 0.0000, 0.0000,
0.0000

■ 38.9489, 38.8293,
73.1521

■ 38.9489, 38.8293,
73.1521

■ 32.4616, 31.2603,
72.0337

■ 46.5927, 47.5836,
74.4397

■ 27.0689, 24.8198,
71.0748

■ 55.4428, 57.5677,
75.9003

■ 22.7090, 19.4527,
70.2686

■ 65.5509, 68.8293,
77.5413

■ 19.3119, 15.0973,
69.6070

■ 76.9644, 81.4120,
79.3684

■ 16.7983, 11.6850,
69.0809

■ 88.2399, 94.5903,
81.3178

■ 15.0751, 9.1375,
68.6800

■ 89.9184, 97.9474,
81.8773

■ 14.1769, 7.6843,
68.4468

Harmonies

Analogous

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



34.2688, 38.8293, 72.3844



38.9489, 38.8293, 73.1521



43.4349, 38.8293, 64.4689

Triad

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



38.9489, 38.8293, 73.1521



44.0057, 38.8293, 26.9393



28.8771, 38.8293, 35.0008

Complementary

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



38.9489, 38.8293, 73.1521



56.2967, 60.0981, 37.0680

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.



31.0667, 38.8293, 25.8724



38.9489, 38.8293, 73.1521



39.6754, 38.8293, 21.9479

Square

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



38.9489, 38.8293, 73.1521



46.5179, 38.8293, 36.7891



34.9360, 38.8293, 21.6045



28.7189, 38.8293, 48.2884

Rectangle

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



38.9489, 38.8293, 73.1521



45.6044, 38.8293, 55.3856



34.9360, 38.8293, 21.6045



29.3907, 38.8293, 31.4219

Sweetspot

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



38.9502, 38.8308, 73.1530



80.4050, 83.7246, 106.5304



48.6789, 61.8529, 65.4065



16.8007, 17.4626, 22.7351



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.



38.9502, 38.8308, 73.1530



47.8663, 46.6289, 101.0852



39.5505, 34.8518, 72.3533



12.5906, 13.1209, 16.5211



8.3926, 4.6547, 40.1945



0.6107, 0.4356, 2.6263

Inverse Universe

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



47.1467, 39.4650, 41.2105



61.2265, 48.1556, 48.9084



55.4437, 65.9486, 38.2422



13.1832, 13.1024, 14.2260



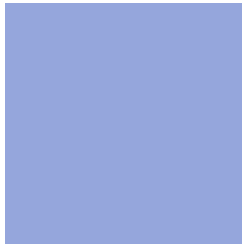
17.7315, 9.0937, 2.9664



1.1826, 0.6027, 0.3703

Previews

White Background



This preview shows how the XYZ color 38.9489, 38.8293, 73.1521 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 38.9489, 38.8293, 73.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

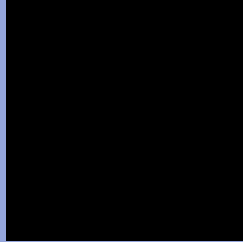
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9489, 38.8293, 73.1521

Background



This preview shows how black text looks on a background with the XYZ color 38.9489, 38.8293, 73.1521.



This preview shows how white text looks on a background with the XYZ color 38.9489, 38.8293,

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

38.9489, 38.8293, 73.1521

Protanopia

39.1902, 38.7001, 72.4222

Deuteranopia

39.5202, 38.5883, 73.0755



Tritanopia

34.6000, 38.7129, 52.1031

Trichromacy



Original Color

38.9489, 38.8293, 73.1521

Protanomaly

39.0038, 38.6040, 72.4134

Deuteranomaly

39.3223, 38.7530, 73.1177

Tritanomaly

36.0694, 38.7560, 59.0057

Monochromacy



Original Color

38.9489, 38.8293, 73.1521

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1788, 38.6562, 51.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9489, 38.8293, 73.1521 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, 166, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 220)  
}
```

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, 166, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 220) }
```

Border

The CSS property to change the border of an element to XYZ 38.9489, 38.8293, 73.1521 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, 166, 220) }
```


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

```
.border{ border-color:rgb(149, 166, 220) }
```

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

Here you see how a box with a 4 pixel rgb(149, 166, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 220);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9489, 38.8293, 73.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 220) }
```

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

```
.background{ background-color: rgb(149,  
166, 220) }
```

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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