

Converting Colors

XYZ(37.4464, 38.0852, 71.7072)

Have a look what the booklet for
XYZ(37.4464, 38.0852, 71.7072)
contains.

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Color

**XYZ(37.4464, 38.0852,
71.7072)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA6DA
RGB	142, 166, 218
RGB Percent	56%, 65%, 85%
CMY	0.4431, 0.3490, 0.1451
CMYK	0.35, 0.24, 0.00, 0.15
HSL	221°, 51%, 71%
HSV	221°, 35%, 85%
XYZ	37.4464, 38.0852, 71.7072
YIQ	164.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

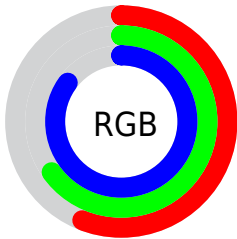
Format	Color
RYB	142, 160, 218
Decimal	9348826
CIELab	68.08, 4.12, -29.03
CIElCh	68, 29.325, 278.070
Yxy	38.0852, 0.2543, 0.2587
Android (android.graphics.Color)	4287538906 (0xFF8EA6DA)
YUV	164.7520, 26.2513, -19.9535
Hunter-Lab	61.7132, 0.3123, -25.6923

Details

The XYZ color **37.4464, 38.0852, 71.7072** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.0884, 55.4426, 33.4958**, and the grayscale version is **35.5354, 37.3860, 40.7134**.

A 20% lighter version of the original color is **66.9324, 70.8032, 104.7464**, and **16.7480, 16.8028, 37.0109** is the 20% darker color. If you saturate the color by 10%, you get **31.5096, 31.2310, 70.6978**, and if you desaturate by 10%, it is **44.4316, 45.9483, 72.8575**.

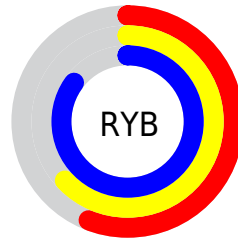
Distribution



Red (56%)

Green (65%)

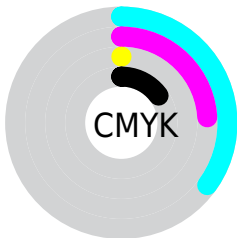
Blue (85%)



Red (56%)

Yellow (63%)

Blue (85%)

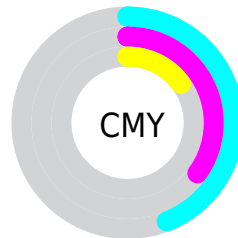


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4464, 38.0852, 71.7072 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 37.4464, 38.0852, 71.7072 by changing the saturation by 10% instead.

■ 37.4464, 38.0852,
71.7072

■ 37.4464, 38.0852,
71.7072

326.5612,
337.9853, 485.4719

■ 25.7286, 26.0488,
52.4342

■ 70.5682, 72.2387,
123.3440

■ 16.7523, 16.8602,
36.9666

■ 92.7029, 95.1246,
156.5448

■ 10.1523, 10.1348,
24.8861

119.0406,
122.3958, 195.2253

■ 5.5631, 5.4885,
15.7739

149.9466,
154.4368, 239.8041

■ 2.6194, 2.5366,
9.2117

185.7863,
191.6318, 290.6995

■ 0.9558, 0.8949,
4.7808

226.9251,

■ 0.0000, 0.0000,

234.3653, 348.3303

2.0628

273.7283,
283.0217, 413.1149

■ 0.0000, 0.0000,
0.5935

■ 0.0000, 0.0000,
0.0000

■ 37.4464, 38.0852,
71.7072

■ 37.4464, 38.0852,
71.7072

■ 31.5096, 31.2310,
70.6978

■ 44.4316, 45.9483,
72.8575

■ 26.5640, 25.3380,
69.8210

■ 52.5110, 54.8567,
74.1511

■ 22.5522, 20.3605,
69.0717

■ 61.7322, 64.8500,
75.5940

■ 19.4090, 16.2471,
68.4434

■ 72.1386, 75.9645,
77.1908

■ 17.0598, 12.9405,
67.9289

■ 83.7714, 88.2348,
78.9461

■ 15.4154, 10.3739,
67.5202

■ 89.6550, 97.8420,
80.4904

■ 14.7736, 9.2992,
67.3466

Harmonies

Analogous

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



33.0153, 38.0852, 69.4666



37.4464, 38.0852, 71.7072



41.8918, 38.0852, 64.6020

Triad

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



37.4464, 38.0852, 71.7072



43.5664, 38.0852, 27.8061



28.6443, 38.0852, 32.7620

Complementary

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



37.4464, 38.0852, 71.7072



53.0884, 55.4426, 33.4958

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.



31.0465, 38.0852, 24.6445



37.4464, 38.0852, 71.7072



39.5807, 38.0852, 22.2308

Square

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



37.4464, 38.0852, 71.7072



45.6142, 38.0852, 38.0350



34.9793, 38.0852, 21.2096



28.1774, 38.0852, 45.1022

Rectangle

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



37.4464, 38.0852, 71.7072



44.1800, 38.0852, 56.2523



34.9793, 38.0852, 21.2096



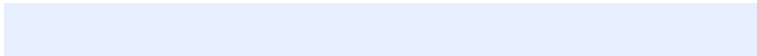
29.2419, 38.0852, 29.5321

Sweetspot

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



37.4477, 38.0867, 71.7081



80.9674, 84.8494, 106.7179



45.9578, 59.7865, 60.1184



16.9360, 17.7332, 22.7802



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.



37.4477, 38.0867, 71.7081



46.9158, 46.8488, 101.1777



36.0264, 31.4704, 70.5059



12.6726, 13.2849, 16.5485



8.9364, 5.7423, 40.3758



0.6550, 0.5240, 2.6411

Inverse Universe

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



45.4704, 37.0058, 40.8242



60.2290, 45.7744, 49.7666



54.8749, 64.9434, 35.2355



13.2246, 13.1189, 14.4440



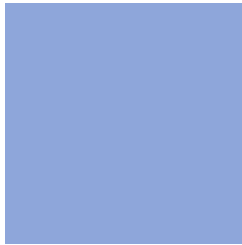
18.0060, 9.2034, 4.4118



1.2049, 0.6116, 0.4878

Previews

White Background



This preview shows how the XYZ color 37.4464, 38.0852, 71.7072 looks on a white background.

Color Contrast Check

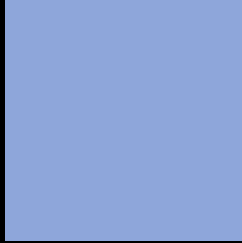
Large Text (above 18pt) WCAG AA × Fail

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 37.4464, 38.0852, 71.7072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

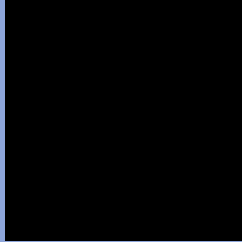
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4464, 38.0852, 71.7072

Background



This preview shows how black text looks on a background with the XYZ color 37.4464, 38.0852, 71.7072.



This preview shows how white text looks on a background with the XYZ color 37.4464, 38.0852,

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

37.4464, 38.0852, 71.7072

Protanopia

38.4326, 38.0881, 70.2919

Deuteranopia

39.0202, 38.0812, 72.3116



Tritanopia

33.4470, 38.1186, 52.0491

Trichromacy



Original Color

37.4464, 38.0852, 71.7072

Protanomaly

38.1923, 38.2159, 71.0091

Deuteranomaly

38.4561, 38.0550, 72.3363

Tritanomaly

34.8843, 38.1450, 58.9502

Monochromacy



Original Color

37.4464, 38.0852, 71.7072

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0115, 37.5391, 50.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4464, 38.0852, 71.7072 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(142, 166, 218)` looks like.

```
.text, #text, p{  
    color:rgb(142, 166, 218)  
}
```

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(142, 166, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 166, 218) }
```

Border

The CSS property to change the border of an element to XYZ 37.4464, 38.0852, 71.7072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

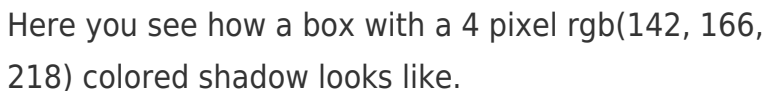
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 166, 218) }
```


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

```
.border{ border-color:rgb(142, 166, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 166, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 166, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 166, 218); box-shadow:4px 4px 4px 4px rgb(142, 166, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4464, 38.0852, 71.7072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 166, 218) }
```

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

```
.background{ background-color: rgb(142,  
166, 218) }
```

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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