

Converting Colors

XYZ(38.5341, 39.9698, 74.0135)

Have a look what the booklet for
XYZ(38.5341, 39.9698, 74.0135)
contains.

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Color

**XYZ(38.5986, 40.0090,
74.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	8DABDD
RGB	141, 171, 221
RGB Percent	55%, 67%, 87%
CMY	0.4470, 0.3294, 0.1333
CMYK	0.36, 0.23, 0.00, 0.13
HSL	217°, 54%, 71%
HSV	217°, 36%, 87%
XYZ	38.5986, 40.0090, 74.0948
YIQ	167.7300, -33.9300, 9.1900

Conversions

Conversions Part 2

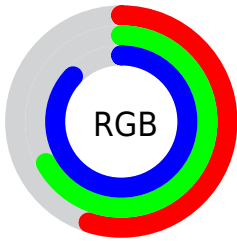
Format	Color
R_{YB}	141, 163, 221
Decimal	9284573
CIE _{Lab}	69.48, 1.84, -28.54
CIE _{LCh}	69, 28.603, 273.680
Yxy	40.0090, 0.2528, 0.2620
Android (android.graphics.Color)	4287474653 (0xFF8DABDD)
YUV	167.7300, 26.2621, -23.4422
Hunter-Lab	63.2527, -1.7663, -25.1760

Details

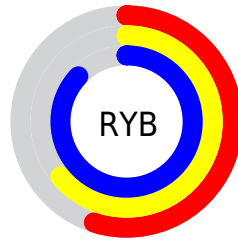
The XYZ color **38.5986, 40.0090, 74.0948** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **53.2583, 54.5579, 32.9245**, and the grayscale version is **36.9756, 38.9012, 42.3634**.

A 20% lighter version of the original color is **68.2723, 73.4830, 105.1930**, and **17.4102, 17.9731, 38.6279** is the 20% darker color. If you saturate the color by 10%, you get **32.7351, 33.3141, 73.1123**, and if you desaturate by 10%, it is **45.4872, 47.6388, 75.2051**.

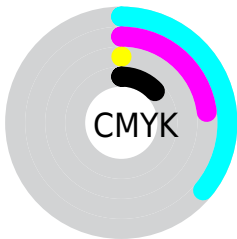
Distribution



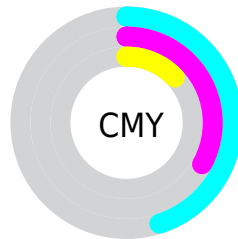
- Red (55%)
- Green (67%)
- Blue (87%)



- Red (55%)
- Yellow (64%)
- Blue (87%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5986, 40.0090, 74.0948 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 38.5986, 40.0090, 74.0948 by changing the saturation by 10% instead.

■ 38.5986, 40.0090,
74.0948

■ 38.5986, 40.0090,
74.0948

331.4175,
346.1615, 493.9726

■ 26.6269, 27.5456,
54.3744

■ 72.3227, 75.1772,
126.7655

■ 17.4284, 17.9834,
38.5058

■ 94.8059, 98.6508,
160.5528

■ 10.6376, 10.9381,
26.0706

121.5236,
126.5632, 199.8662

■ 5.8892, 6.0252,
16.6503

152.8411,
159.2988, 245.1241

■ 2.8178, 2.8604,
9.8261

189.1240,
197.2421, 296.7452

■ 1.0582, 1.0593,
5.1797

230.7374,

■ 0.0000, 0.0000,

240.7773, 355.1480

2.2925

278.0468,
290.2890, 420.7509

■ 0.0000, 0.0000,
0.7270

■ 0.0000, 0.0000,
0.0000

■ 38.5986, 40.0090,
74.0948

■ 38.5986, 40.0090,
74.0948

■ 32.7351, 33.3141,
73.1123

■ 45.4872, 47.6388,
75.2051

■ 27.8395, 27.5098,
72.2500

■ 53.4461, 56.2361,
76.4451

■ 23.8548, 22.5544,
71.5035

■ 62.5222, 65.8373,
77.8200

■ 20.7157, 18.4006,
70.8672

■ 72.7587, 76.4755,
79.3338

■ 18.3471, 14.9952,
70.3347

■ 84.1963, 88.1823,
80.9906

■ 16.6567, 12.2752,
69.8988

■ 89.6944, 97.2867,
82.4582

■ 16.1351, 11.3881,
69.7551

■ 90.0513, 98.0005,
82.5771

Harmonies

Analogous

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



34.2340, 40.0090, 70.4828



38.5986, 40.0090, 74.0948



43.1533, 40.0090, 68.2630

Triad

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



38.5986, 40.0090, 74.0948



45.8838, 40.0090, 30.9565



30.6284, 40.0090, 33.2566

Complementary

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



38.5986, 40.0090, 74.0948



53.2583, 54.5579, 32.9245

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.



33.3243, 40.0090, 25.6811



38.5986, 40.0090, 74.0948



42.0910, 40.0090, 24.5535

Square

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



38.5986, 40.0090, 74.0948



47.5682, 40.0090, 41.9553



37.4618, 40.0090, 22.8366



29.8560, 40.0090, 45.2112

Rectangle

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



38.5986, 40.0090, 74.0948



45.6190, 40.0090, 60.3798



37.4618, 40.0090, 22.8366



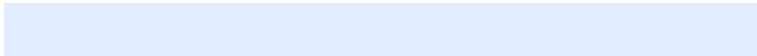
31.3284, 40.0090, 30.2003

Sweetspot

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



38.5999, 40.0105, 74.0957



80.1329, 84.3830, 106.6718



46.1729, 61.1089, 58.2693



16.7872, 17.6754, 22.7769



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.



38.5999, 40.0105, 74.0957



47.4467, 48.5874, 101.4853



35.2165, 30.7874, 72.4938



12.7368, 13.4133, 16.5699



9.4734, 6.8162, 40.5548



0.6949, 0.6040, 2.6544

Inverse Universe

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



46.6955, 37.3636, 43.2804



60.3319, 45.1831, 52.2577



57.7205, 67.5844, 35.2037



13.2570, 13.1319, 14.6146



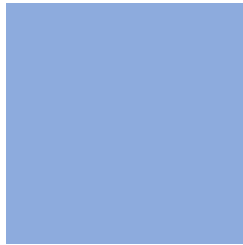
18.2770, 9.3119, 5.8390



1.2251, 0.6197, 0.5941

Previews

White Background



This preview shows how the XYZ color 38.5986, 40.0090, 74.0948 looks on a white background.

Color Contrast Check

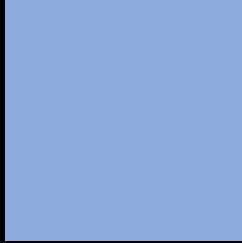
Large Text (above 18pt) WCAG AA × Fail

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 38.5986, 40.0090, 74.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

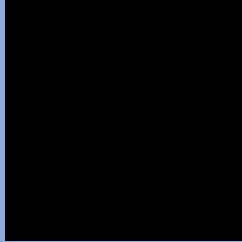
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

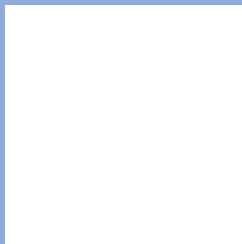
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5986, 40.0090, 74.0948

Background



This preview shows how black text looks on a background with the XYZ color 38.5986, 40.0090, 74.0948.



This preview shows how white text looks on a background with the XYZ color 38.5986, 40.0090,

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

38.5986, 40.0090, 74.0948

Protanopia

40.1839, 39.7673, 71.8876

Deuteranopia

40.7257, 39.7145, 74.6264



Tritanopia

34.7608, 39.8806, 55.1558

Trichromacy



Original Color

38.5986, 40.0090, 74.0948

Protanomaly

39.5513, 39.6990, 72.5959

Deuteranomaly

39.9499, 39.8585, 74.6951

Tritanomaly

36.1132, 39.8547, 61.6665

Monochromacy



Original Color

38.5986, 40.0090, 74.0948

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2582, 39.2329, 52.6227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5986, 40.0090, 74.0948 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(141, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(141, 171, 221)  
}
```

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(141, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 171, 221) }
```

Border

The CSS property to change the border of an element to XYZ 38.5986, 40.0090, 74.0948 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(141, 171, 221) }
```


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

```
.border{ border-color:rgb(141, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(141, 171,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5986, 40.0090, 74.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 171, 221) }
```

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

```
.background{ background-color: rgb(141,  
171, 221) }
```

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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