

Converting Colors

XYZ(71.4634, 82.5623,
101.9833)

Have a look what the booklet for
XYZ(71.4634, 82.5623, 101.9833)
contains.

XYZ(71.3976, 82.4101, 101.7662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.3976, 82.4101,
101.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F3F9
RGB	194, 243, 249
RGB Percent	76%, 95%, 98%
CMY	0.2392, 0.0470, 0.0235
CMYK	0.22, 0.02, 0.00, 0.02
HSL	187°, 82%, 87%
HSV	187°, 22%, 98%
XYZ	71.3976, 82.4101, 101.7662
YIQ	229.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

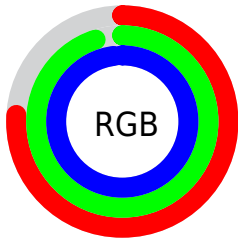
Format	Color
RYB	194, 220, 249
Decimal	12776441
CIELab	92.76, -14.26, -8.03
CIELCh	93, 16.364, 209.406
Yxy	82.4101, 0.2794, 0.3225
Android (android.graphics.Color)	4290966521 (0xFFC2F3F9)
YUV	229.0330, 9.8437, -30.7239
Hunter-Lab	90.7800, -18.4765, -2.9193

Details

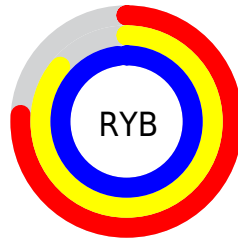
The XYZ color **71.3976, 82.4101, 101.7662** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4596, 65.3435, 59.9922**, and the grayscale version is **74.4487, 78.3258, 85.2968**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **38.0434, 44.8799, 57.1097** is the 20% darker color. If you saturate the color by 10%, you get **64.7288, 77.7770, 101.2248**, and if you desaturate by 10%, it is **79.1540, 87.6259, 102.3655**.

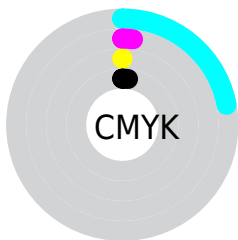
Distribution



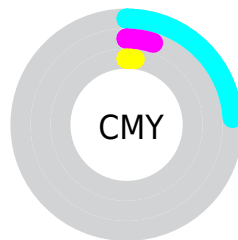
- Red (76%)
- Green (95%)
- Blue (98%)



- Red (76%)
- Yellow (86%)
- Blue (98%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3976, 82.4101, 101.7662 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 71.3976, 82.4101, 101.7662 by changing the saturation by 10% instead.

71.3976, 82.4101,
101.7662

71.3976, 82.4101,
101.7662

454.6324,
503.0184, 587.1355

52.9504, 61.7036,
77.1513

120.2151,
136.7490, 165.6552

37.9905, 44.7933,
56.8648

151.3162,
171.1501, 205.7664

26.1525, 31.2946,
40.4880

187.3660,
210.8850, 251.8802

17.0710, 20.8233,
27.6026

228.7298,
256.3379, 304.4150

10.3808, 12.9949,
17.7899

275.7729,
307.8933, 363.7894

5.7163, 7.4250,
10.6314

328.8609,

2.7124, 3.7293,

365.9356, 430.4219

5.7085

388.3589,
430.8492, 504.7311

■ 1.0036, 1.5233,
2.6027

■ 0.0000, 0.3051,
0.8939

■ 71.3976, 82.4101,
101.7662

■ 71.3976, 82.4101,
101.7662

■ 64.7288, 77.7770,
101.2248

■ 79.1540, 87.6259,
102.3655

■ 59.0871, 73.6891,
100.7331

■ 88.0403, 93.4400,
103.0194

■ 54.4167, 70.1195,
100.2902

■ 92.8831, 97.1876,
103.4875

■ 50.6540, 67.0356,
99.8933

■ 93.7380, 98.8974,
103.7725

■ 47.7276, 64.4002,
99.5388

■ 94.0991, 99.6197,
103.8928

■ 45.5551, 62.1710,
99.2231

■ 44.0373, 60.2967,
98.9413

■ 43.1811, 59.0037,
98.7368

Harmonies

Analogous

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



70.4091, 82.4101, 89.4873



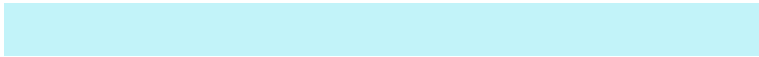
71.3976, 82.4101, 101.7662



74.2273, 82.4101, 111.5092

Triad

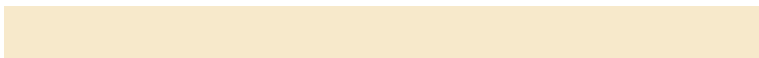
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3976, 82.4101, 101.7662



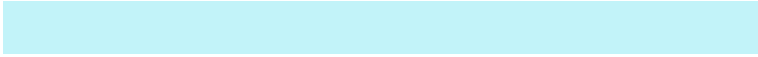
85.6034, 82.4101, 102.2256



78.4134, 82.4101, 68.2303

Complementary

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



71.3976, 82.4101, 101.7662



69.4596, 65.3435, 59.9922

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.



82.5777, 82.4101, 70.9900



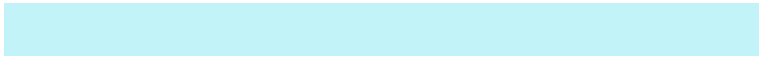
71.3976, 82.4101, 101.7662



86.8202, 82.4101, 89.9743

Square

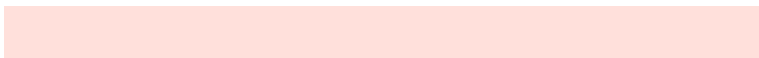
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3976, 82.4101, 101.7662



82.4252, 82.4101, 111.7910



85.6937, 82.4101, 78.6834



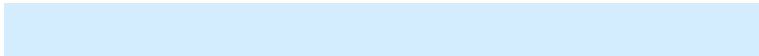
74.3695, 82.4101, 70.7819

Rectangle

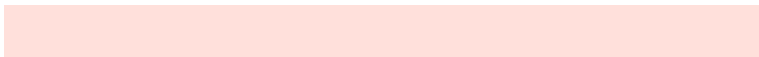
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



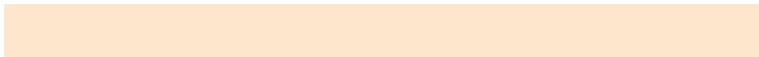
71.3976, 82.4101, 101.7662



76.8299, 82.4101, 114.8593



85.6937, 82.4101, 78.6834



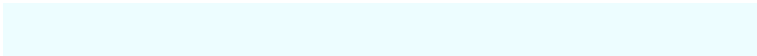
79.8461, 82.4101, 68.5634

Sweetspot

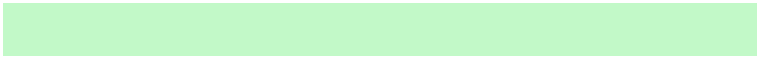
The Sweet Spot groups the original color and five complimentary colors.



71.4000, 82.4135, 101.7681



88.1674, 95.5349, 108.4009



66.4923, 83.3690, 66.9266



18.7505, 20.3692, 23.1933



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.



71.4000, 82.4135, 101.7681



71.7479, 84.5014, 107.1366



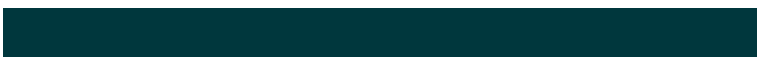
63.9044, 67.4222, 99.2695



17.5947, 19.2662, 22.1767



23.1786, 31.7127, 52.8731



2.1915, 3.0267, 4.9119

Inverse Universe

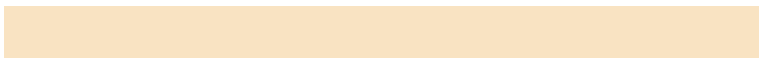
The Inverse Universe completely reimagines the original color for something new.



74.5383, 65.1962, 93.4534



75.6952, 63.1869, 96.6018



76.2751, 78.9745, 62.2640



17.9067, 17.4900, 21.3645



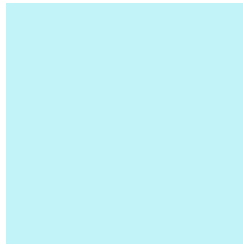
27.9915, 13.6123, 38.2592



2.6151, 1.2698, 3.6625

Previews

White Background



This preview shows how the XYZ color 71.3976, 82.4101, 101.7662 looks on a white background.

Color Contrast Check

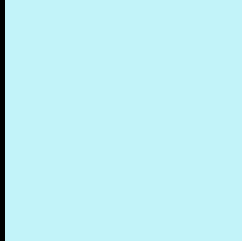
Large Text (above 18pt) WCAG AA × Fail

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 71.3976, 82.4101, 101.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

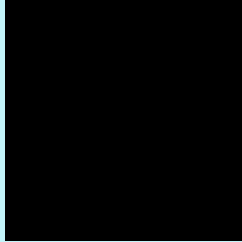
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3976, 82.4101, 101.7662

Background



This preview shows how black text looks on a background with the XYZ color 71.3976, 82.4101, 101.7662.

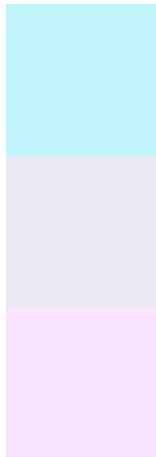


This preview shows how white text looks on a background with the XYZ color 71.3976, 82.4101,

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

71.3976, 82.4101, 101.7662

Protanopia

79.2952, 81.8465, 96.4127

Deuteranopia

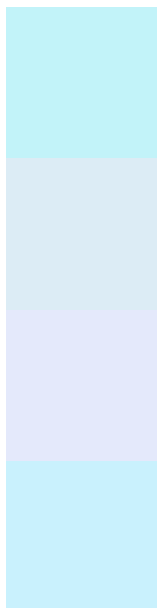
83.7512, 81.9229, 103.4940



Tritanopia

74.3869, 82.5193, 106.6150

Trichromacy



Original Color

71.3976, 82.4101, 101.7662

Protanomaly

75.9921, 81.7991, 98.1698

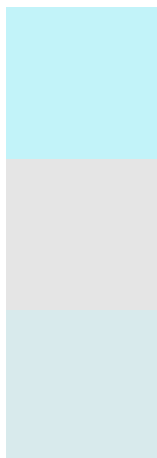
Deuteranomaly

78.5464, 81.7368, 102.9037

Tritanomaly

73.2723, 82.4199, 104.9753

Monochromacy



Original Color

71.3976, 82.4101, 101.7662

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.8820, 79.5007, 90.8608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3976, 82.4101, 101.7662 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(194, 243, 249)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 249)  
}
```

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(194, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 249) }
```

Border

The CSS property to change the border of an element to XYZ 71.3976, 82.4101, 101.7662 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(194, 243, 249) }
```


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

```
.border{ border-color:rgb(194, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 243, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 243, 249); box-shadow:4px 4px 4px 4px rgb(194, 243, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3976, 82.4101, 101.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 249) }
```

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

```
.background{ background-color: rgb(194,  
243, 249) }
```

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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