

Converting Colors

XYZ(71.4597, 75.8685,
103.7908)

Have a look what the booklet for
XYZ(71.4597, 75.8685, 103.7908)
contains.

XYZ(71.4854, 75.9886, 103.8281)	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(71.4854, 75.9886,
103.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E4FD
RGB	208, 228, 253
RGB Percent	82%, 89%, 99%
CMY	0.1843, 0.1059, 0.0078
CMYK	0.18, 0.10, 0.00, 0.01
HSL	213°, 92%, 90%
HSV	213°, 18%, 99%
XYZ	71.4854, 75.9886, 103.8281
YIQ	224.8700, -19.9450, 3.5350

Conversions

Conversions Part 2

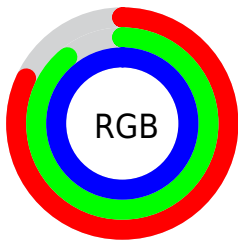
Format	Color
R _Y B	208, 222, 253
Decimal	13690109
CIE Lab	89.85, -1.56, -14.35
CIE LCh	90, 14.434, 263.785
Yxy	75.9886, 0.2845, 0.3024
Android (android.graphics.Color)	4291880189 (0xFFD0E4FD)
YUV	224.8700, 13.8681, -14.7950
Hunter-Lab	87.1714, -6.1702, -9.5991

Details

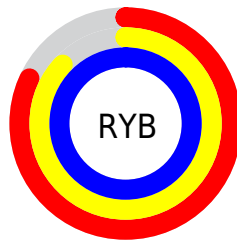
The XYZ color **71.4854, 75.9886, 103.8281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0325, 83.7142, 71.5635**, and the grayscale version is **71.3904, 75.1082, 81.7928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0442, 40.6450, 58.0647** is the 20% darker color. If you saturate the color by 10%, you get **61.2217, 65.1911, 102.2862**, and if you desaturate by 10%, it is **83.2026, 88.0058, 105.5313**.

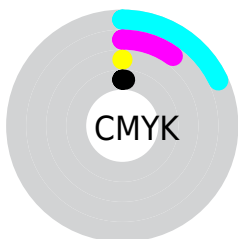
Distribution



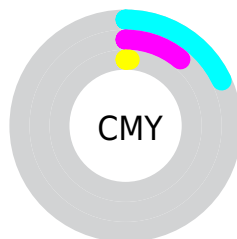
- Red (82%)
- Green (89%)
- Blue (99%)



- Red (82%)
- Yellow (87%)
- Blue (99%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4854, 75.9886, 103.8281 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 71.4854, 75.9886, 103.8281 by changing the saturation by 10% instead.

■ 71.4854, 75.9886,
103.8281

■ 71.4854, 75.9886,
103.8281

454.9340,
481.3087, 593.7486

■ 53.0224, 56.4232,
78.8667

120.3394,
127.7108, 168.5056

■ 38.0482, 40.5423,
58.2656

151.4611,
160.6363, 209.0588

■ 26.1975, 27.9616,
41.6061

187.5330,
198.7840, 255.6464

■ 17.1049, 18.2967,
28.4697

228.9205,
242.5383, 308.6868

■ 10.4051, 11.1632,
18.4379

275.9890,
292.2835, 368.5988

■ 5.7327, 6.1767,
11.0922

329.1039,

■ 2.7223, 2.9528,

348.4040, 435.8007

6.0139

388.6304,
411.2843, 510.7111

■ 1.0087, 1.1072,
2.7846

■ 0.0000, 0.0000,
0.9857

■ 71.4854, 75.9886,
103.8281

■ 71.4854, 75.9886,
103.8281

■ 61.2217, 65.1911,
102.2862

■ 83.2026, 88.0058,
105.5313

■ 52.3435, 55.5615,
100.8954

94.7299, 99.8719,
107.2142

■ 44.7874, 47.0575,
99.6522

■ 38.4819, 39.6304,
98.5510

■ 33.3481, 33.2271,
97.5856

■ 29.2971, 27.7887,
96.7494

■ 26.2252, 23.2482,
96.0349

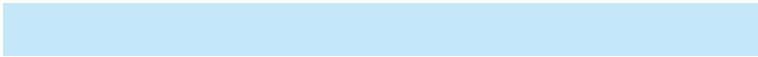
■ 23.9964, 19.5209,
95.4329

■ 23.5752, 18.7827,
95.3126

Harmonies

Analogous

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



68.2505, 75.9886, 99.6086



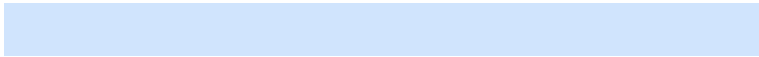
71.4854, 75.9886, 103.8281



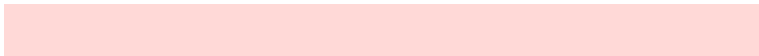
75.0247, 75.9886, 102.0330

Triad

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



71.4854, 75.9886, 103.8281



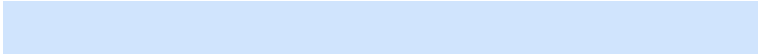
78.6804, 75.9886, 75.0714



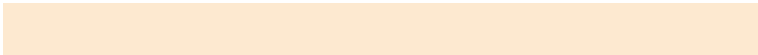
66.8347, 75.9886, 71.6743

Complementary

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



71.4854, 75.9886, 103.8281



81.0325, 83.7142, 71.5635

Split Complementary

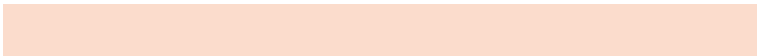
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4956, 75.9886, 66.0443



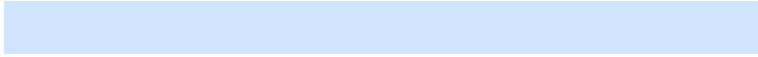
71.4854, 75.9886, 103.8281



76.3507, 75.9886, 67.8899

Square

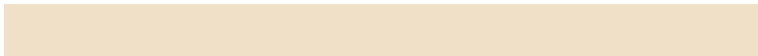
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4854, 75.9886, 103.8281



79.2555, 75.9886, 84.8820



72.9695, 75.9886, 64.7178



65.6229, 75.9886, 80.6317

Rectangle

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



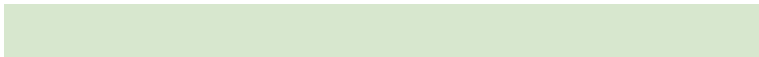
71.4854, 75.9886, 103.8281



77.0724, 75.9886, 97.7351



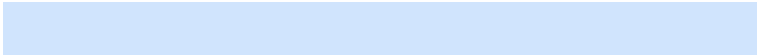
72.9695, 75.9886, 64.7178



67.5850, 75.9886, 69.3605

Sweetspot

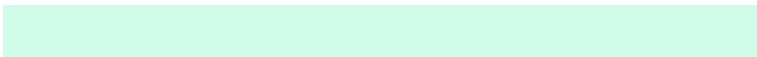
The Sweet Spot groups the original color and five complimentary colors.



71.4877, 75.9917, 103.8298



88.2959, 93.2256, 107.9484



75.8113, 89.5307, 90.1905



18.7025, 19.7559, 23.0775



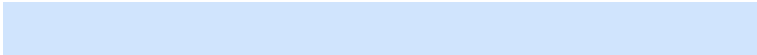
0.0000, 0.0000, 0.0000



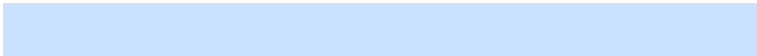
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4877, 75.9917, 103.8298



69.2524, 73.6877, 105.1809



66.9365, 65.9435, 102.1302



17.6676, 18.7069, 22.9296



12.6811, 10.2717, 50.7489



1.3416, 1.2139, 4.9769

Inverse Universe

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



77.0693, 71.5975, 83.1601



75.8570, 68.6935, 80.6768



86.2054, 95.2688, 73.5211



18.3449, 18.1213, 20.4333



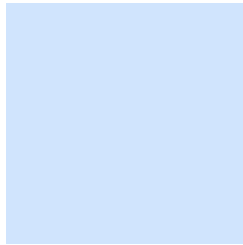
23.1890, 11.7649, 9.6458



2.3118, 1.1671, 1.2233

Previews

White Background



This preview shows how the XYZ color 71.4854, 75.9886, 103.8281 looks on a white background.

Color Contrast Check

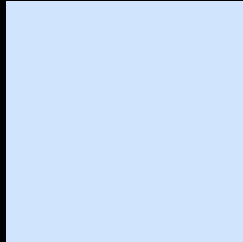
Large Text (above 18pt) WCAG AA × Fail

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 71.4854, 75.9886, 103.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

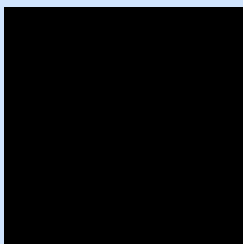
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

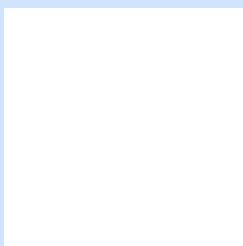
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4854, 75.9886, 103.8281

Background



This preview shows how black text looks on a background with the XYZ color 71.4854, 75.9886, 103.8281.



This preview shows how white text looks on a background with the XYZ color 71.4854, 75.9886,

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

71.4854, 75.9886, 103.8281

Protanopia

74.0352, 75.7430, 101.1603

Deuteranopia

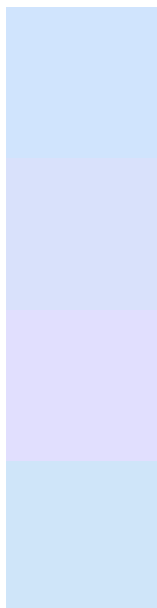
77.5749, 75.8988, 105.1690



Tritanopia

70.5399, 76.0194, 98.9511

Trichromacy



Original Color

71.4854, 75.9886, 103.8281

Protanomaly

72.9531, 75.5672, 102.0077

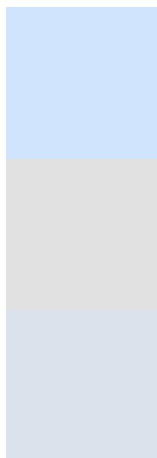
Deuteranomaly

75.3284, 75.9387, 104.4533

Tritanomaly

70.8503, 76.1436, 100.5855

Monochromacy



Original Color

71.4854, 75.9886, 103.8281

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4052, 75.4509, 89.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4854, 75.9886, 103.8281 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(208, 228, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 228, 253)  
}
```

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(208, 228, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 228, 253) }
```

Border

The CSS property to change the border of an element to XYZ 71.4854, 75.9886, 103.8281 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(208, 228, 253) }
```


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

```
.border{ border-color:rgb(208, 228, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 228, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 228, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 228, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 228,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4854, 75.9886, 103.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 228, 253) }
```

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

```
.background{ background-color: rgb(208,  
228, 253) }
```

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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