

Converting Colors

XYZ(71.3436, 75.1245,
102.8282)

Have a look what the booklet for
XYZ(71.3436, 75.1245, 102.8282)
contains.

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Color

**XYZ(71.3454, 75.1226,
102.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E2FC
RGB	210, 226, 252
RGB Percent	82%, 89%, 99%
CMY	0.1765, 0.1137, 0.0118
CMYK	0.17, 0.10, 0.00, 0.01
HSL	217°, 88%, 91%
HSV	217°, 17%, 99%
XYZ	71.3454, 75.1226, 102.8353
YIQ	224.1800, -17.8820, 4.6940

Conversions

Conversions Part 2

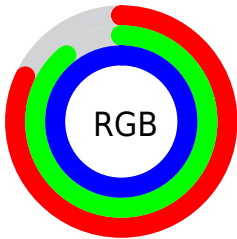
Format	Color
R _Y B	210, 222, 252
Decimal	13820668
CIE Lab	89.45, -0.12, -14.42
CIE LCh	89, 14.416, 269.524
Yxy	75.1226, 0.2862, 0.3013
Android (android.graphics.Color)	4292010748 (0xFFD2E2FC)
YUV	224.1800, 13.7153, -12.4359
Hunter-Lab	86.6733, -4.7454, -9.6745

Details

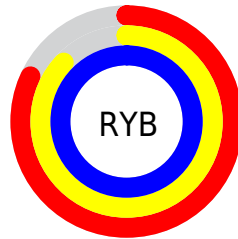
The XYZ color **71.3454, 75.1226, 102.8353** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7739, 85.3395, 73.1367**, and the grayscale version is **70.8962, 74.5884, 81.2267**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9308, 40.0345, 57.3580** is the 20% darker color. If you saturate the color by 10%, you get **60.6779, 63.6121, 101.1770**, and if you desaturate by 10%, it is **83.5330, 87.9934, 104.6785**.

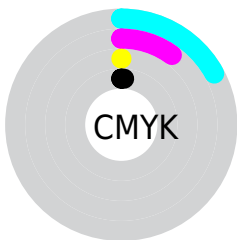
Distribution



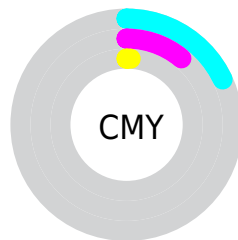
- Red (82%)
- Green (89%)
- Blue (99%)



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



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3454, 75.1226, 102.8353 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 71.3454, 75.1226, 102.8353 by changing the saturation by 10% instead.

■ 71.3454, 75.1226,
102.8353

■ 71.3454, 75.1226,
102.8353

454.4530,
478.3389, 590.5693

■ 52.9077, 55.7133,
78.0405

120.1413,
126.4859, 167.1339

■ 37.9562, 39.9731,
57.5906

151.2301,
159.2087, 207.4747

■ 26.1258, 27.5176,
41.0671

187.2666,
197.1382, 253.8346

■ 17.0509, 17.9623,
28.0514

228.6163,
240.6587, 306.6321

■ 10.3663, 10.9229,
18.1250

275.6444,
290.1546, 366.2858

■ 5.7067, 6.0150,
10.8694

328.7163,

■ 2.7065, 2.8542,

346.0103, 433.2142

5.8660

388.1974,
408.6103, 507.8359

■ 1.0005, 1.0561,
2.6963

■ 0.0000, 0.0000,
0.9416

■ 71.3454, 75.1226,
102.8353

■ 71.3454, 75.1226,
102.8353

■ 60.6779, 63.6121,
101.1770

■ 83.5330, 87.9934,
104.6785

■ 51.4608, 53.4051,
99.6926

94.5709, 99.8084,
106.3772

■ 43.6287, 44.4539,
98.3777

■ 37.1084, 36.7042,
97.2255

■ 31.8190, 30.0969,
96.2289

■ 27.6703, 24.5670,
95.3802

■ 24.5573, 20.0412,
94.6707

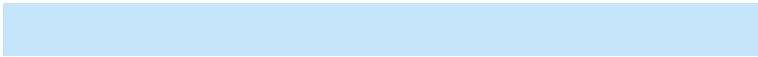
■ 22.3508, 16.4320,
94.0904

■ 21.7553, 15.3971,
93.9220

Harmonies

Analogous

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



68.0113, 75.1226, 99.7365



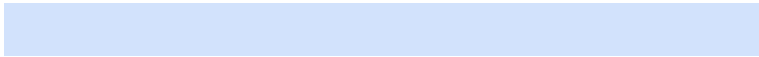
71.3454, 75.1226, 102.8353



74.8023, 75.1226, 99.9210

Triad

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



71.3454, 75.1226, 102.8353



77.4780, 75.1226, 72.5773



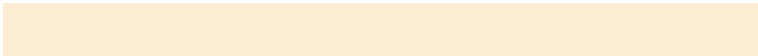
65.7052, 75.1226, 72.3193

Complementary

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



71.3454, 75.1226, 102.8353



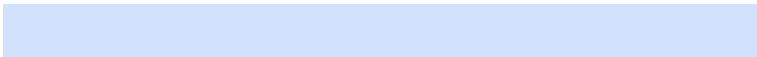
81.7739, 85.3395, 73.1367

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.



68.1059, 75.1226, 66.0067



71.3454, 75.1226, 102.8353



74.9031, 75.1226, 66.1468

Square

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



71.3454, 75.1226, 102.8353



78.4130, 75.1226, 81.9574



71.4582, 75.1226, 63.8414



64.8214, 75.1226, 81.6343

Rectangle

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



71.3454, 75.1226, 102.8353



76.6954, 75.1226, 95.0868



71.4582, 75.1226, 63.8414



66.3576, 75.1226, 69.8047

Sweetspot

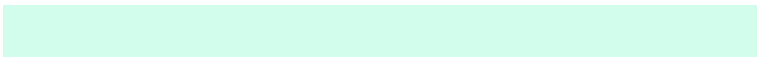
The Sweet Spot groups the original color and five complimentary colors.



71.3477, 75.1257, 102.8370



88.0476, 92.7291, 107.8656



76.5160, 89.3742, 92.5003



18.6422, 19.6353, 23.0574



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.



71.3477, 75.1257, 102.8370



69.4550, 73.0637, 105.0498



68.6139, 67.5552, 101.5198



16.8251, 17.7270, 21.9202



11.4635, 8.2826, 48.9681



1.1605, 0.9646, 4.5682

Inverse Universe

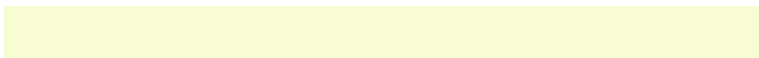
The Inverse Universe completely reimagines the original color for something new.



76.9208, 72.2814, 81.8525



76.2104, 69.7968, 79.5730



84.8377, 94.0677, 74.6599



17.5182, 17.3347, 19.3188



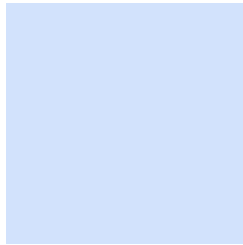
22.0783, 11.2470, 7.1206



2.0947, 1.0616, 0.9219

Previews

White Background



This preview shows how the XYZ color 71.3454, 75.1226, 102.8353 looks on a white background.

Color Contrast Check

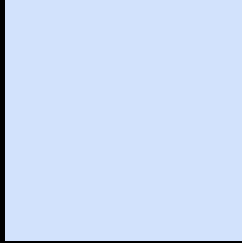
Large Text (above 18pt) WCAG AA × Fail

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 71.3454, 75.1226, 102.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

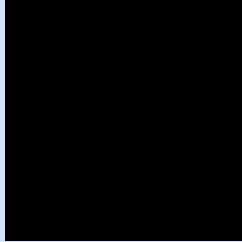
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

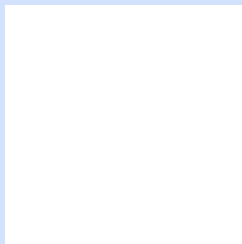
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3454, 75.1226, 102.8353

Background



This preview shows how black text looks on a background with the XYZ color 71.3454, 75.1226, 102.8353.

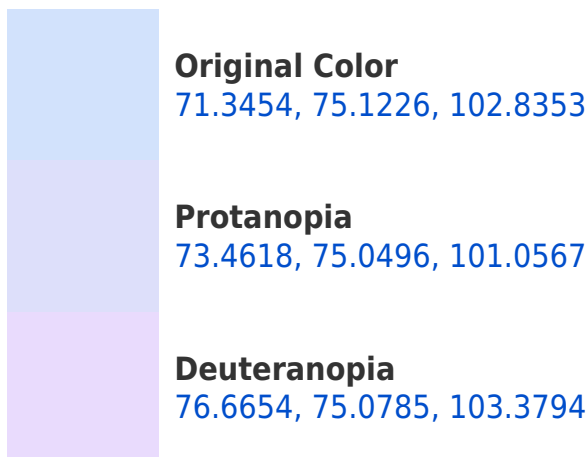


This preview shows how white text looks on a background with the XYZ color 71.3454, 75.1226,

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

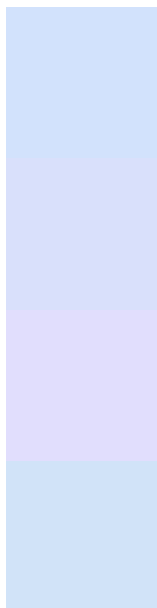




Tritanopia

70.2450, 75.0861, 97.1770

Trichromacy



Original Color

71.3454, 75.1226, 102.8353

Protanomaly

72.6835, 75.0281, 101.9178

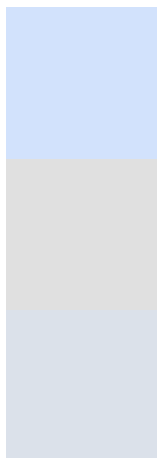
Deuteranomaly

74.9022, 75.3420, 103.5232

Tritanomaly

70.7069, 75.2708, 99.6090

Monochromacy



Original Color

71.3454, 75.1226, 102.8353

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9899, 74.8510, 88.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3454, 75.1226, 102.8353 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(210, 226, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 252)  
}
```

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(210, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.3454, 75.1226, 102.8353 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(210, 226, 252) }
```


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

```
.border{ border-color:rgb(210, 226, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 226, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3454, 75.1226, 102.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 252) }
```

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

```
.background{ background-color: rgb(210,  
226, 252) }
```

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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