

Converting Colors

XYZ(71.2371, 75.8829,
101.5838)

Have a look what the booklet for
XYZ(71.2371, 75.8829, 101.5838)
contains.

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Color

**XYZ(71.2932, 75.9442,
101.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E4FA
RGB	209, 228, 250
RGB Percent	82%, 89%, 98%
CMY	0.1804, 0.1059, 0.0196
CMYK	0.16, 0.09, 0.00, 0.02
HSL	212°, 80%, 90%
HSV	212°, 16%, 98%
XYZ	71.2932, 75.9442, 101.3436
YIQ	224.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

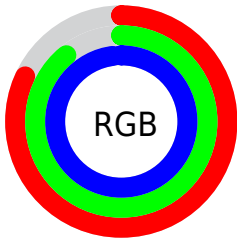
Format	Color
R _{YB}	209, 222, 250
Decimal	13755642
CIE Lab	89.83, -1.88, -12.80
CIE LCh	90, 12.939, 261.639
Yxy	75.9442, 0.2868, 0.3055
Android (android.graphics.Color)	4291945722 (0xFFD1E4FA)
YUV	224.8270, 12.4103, -13.8803
Hunter-Lab	87.1460, -6.4765, -7.9472

Details

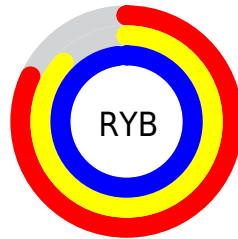
The XYZ color **71.2932, 75.9442, 101.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5095, 82.0792, 71.9755**, and the grayscale version is **71.3688, 75.0855, 81.7681**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0076, 40.6522, 56.8824** is the 20% darker color. If you saturate the color by 10%, you get **61.2199, 65.4861, 99.8571**, and if you desaturate by 10%, it is **82.7672, 87.5533, 102.9809**.

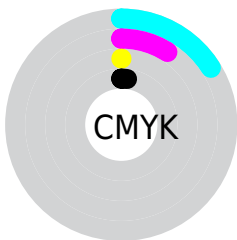
Distribution



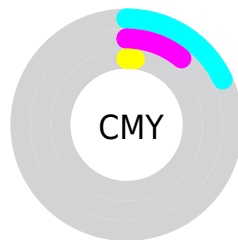
- Red (82%)
- Green (89%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2932, 75.9442, 101.3436 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 71.2932, 75.9442, 101.3436 by changing the saturation by 10% instead.

■ 71.2932, 75.9442,
101.3436

■ 71.2932, 75.9442,
101.3436

454.2736,
481.1567, 585.7753

■ 52.8649, 56.3868,
76.8000

120.0674,
127.6480, 165.0703

■ 37.9220, 40.5131,
56.5781

151.1439,
160.5632, 205.0905

■ 26.0991, 27.9388,
40.2595

187.1673,
198.6997, 251.1066

■ 17.0308, 18.2795,
27.4256

228.5028,
242.4420, 303.5372

■ 10.3519, 11.1509,
17.6579

275.5159,
292.1745, 362.8009

■ 5.6970, 6.1684,
10.5378

328.5718,

■ 2.7006, 2.9478,

348.2815, 429.3161

5.6467

388.0359,
411.1474, 503.5013

■ 0.9975, 1.1045,
2.5662

■ 0.0000, 0.0000,
0.8749

■ 71.2932, 75.9442,
101.3436

■ 71.2932, 75.9442,
101.3436

■ 61.2199, 65.4861,
99.8571

■ 82.7672, 87.5533,
102.9809

■ 52.4824, 56.1301,
98.5117

■ 94.2016, 99.5743,
104.6985

■ 45.0206, 47.8371,
97.3043

■ 94.2555, 99.6822,
104.7165

■ 38.7667, 40.5621,
96.2297

■ 33.6462, 34.2558,
95.2824

■ 29.5751, 28.8637,
94.4562

■ 26.4561, 24.3240,
93.7443

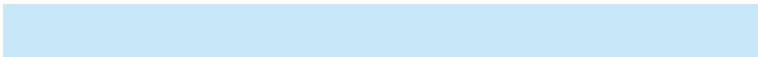
■ 24.1693, 20.5624,
93.1388

■ 23.4861, 19.3633,
92.9433

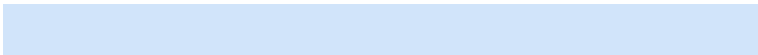
Harmonies

Analogous

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



68.4374, 75.9442, 97.2646



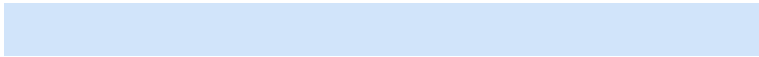
71.2932, 75.9442, 101.3436



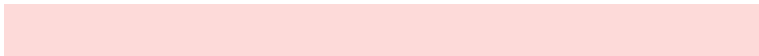
74.4714, 75.9442, 100.1428

Triad

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



71.2932, 75.9442, 101.3436



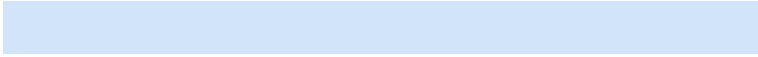
78.0439, 75.9442, 76.3718



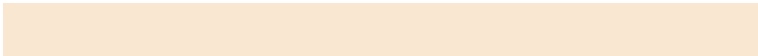
67.4728, 75.9442, 72.2466

Complementary

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



71.2932, 75.9442, 101.3436



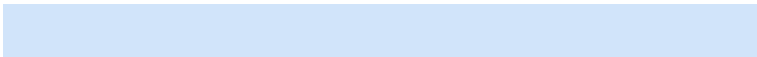
79.5095, 82.0792, 71.9755

Split Complementary

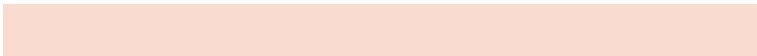
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9414, 75.9442, 67.3933



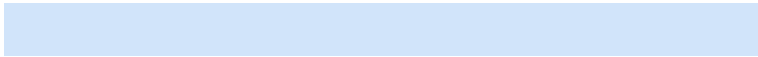
71.2932, 75.9442, 101.3436



76.0621, 75.9442, 69.6499

Square

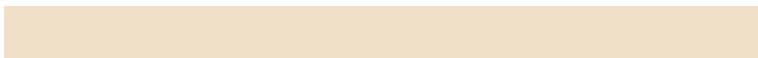
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2932, 75.9442, 101.3436



78.4317, 75.9442, 85.2747



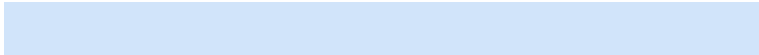
73.0795, 75.9442, 66.4790



66.2747, 75.9442, 80.1587

Rectangle

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



71.2932, 75.9442, 101.3436



76.3411, 75.9442, 96.5457



73.0795, 75.9442, 66.4790



68.1781, 75.9442, 70.2283

Sweetspot

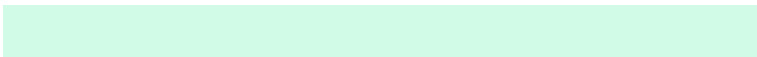
The Sweet Spot groups the original color and five complimentary colors.



71.2955, 75.9473, 101.3453



88.3703, 93.3744, 107.9732



74.8865, 87.6899, 88.4829



18.7205, 19.7920, 23.0835



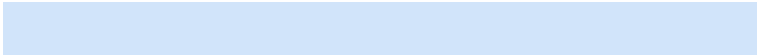
0.0000, 0.0000, 0.0000



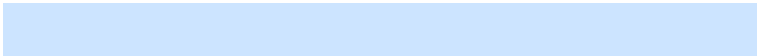
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2955, 75.9473, 101.3453



70.5956, 75.3450, 105.4300



66.7402, 66.2603, 99.7156



16.9461, 17.9690, 21.9605



12.5983, 10.5521, 49.3463



1.2717, 1.1870, 4.6053

Inverse Universe

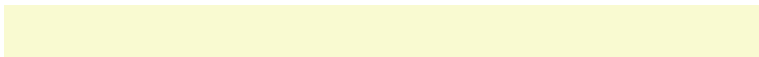
The Inverse Universe completely reimagines the original color for something new.



76.2302, 71.5281, 83.1908



76.7862, 70.0271, 82.6048



84.6319, 93.0484, 73.8228



17.5793, 17.3591, 19.6405



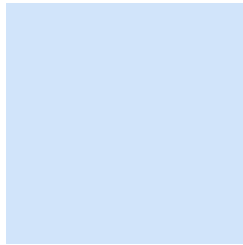
22.6510, 11.4761, 10.1368



2.1508, 1.0841, 1.2175

Previews

White Background



This preview shows how the XYZ color 71.2932, 75.9442, 101.3436 looks on a white background.

Color Contrast Check

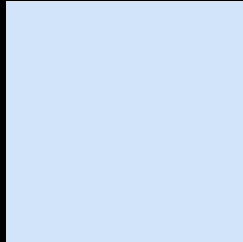
Large Text (above 18pt) WCAG AA × Fail

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 71.2932, 75.9442, 101.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

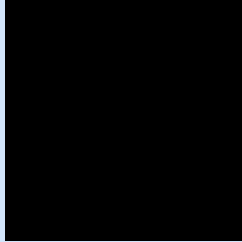
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

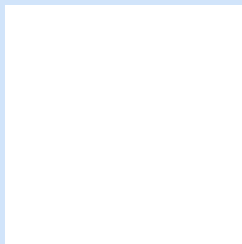
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2932, 75.9442, 101.3436

Background



This preview shows how black text looks on a background with the XYZ color 71.2932, 75.9442, 101.3436.



This preview shows how white text looks on a background with the XYZ color 71.2932, 75.9442,

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

71.2932, 75.9442, 101.3436

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

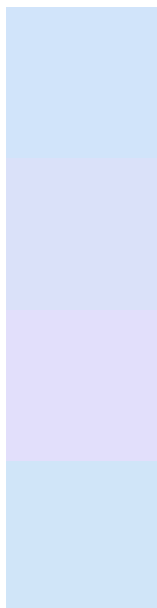
77.4248, 75.8768, 102.6604



Tritanopia

70.8202, 76.1639, 98.9642

Trichromacy



Original Color

71.2932, 75.9442, 101.3436

Protanomaly

72.9375, 75.5954, 100.3697

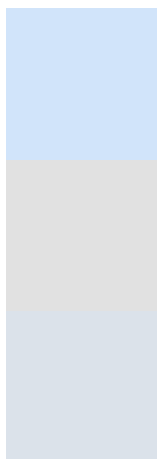
Deuteranomaly

75.1643, 75.9091, 101.9571

Tritanomaly

70.9750, 76.2258, 99.7792

Monochromacy



Original Color

71.2932, 75.9442, 101.3436

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2611, 75.3933, 88.6384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2932, 75.9442, 101.3436 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(209, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 250)  
}
```

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(209, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 250) }
```

Border

The CSS property to change the border of an element to XYZ 71.2932, 75.9442, 101.3436 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(209, 228, 250) }
```


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

```
.border{ border-color:rgb(209, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2932, 75.9442, 101.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 250) }
```

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

```
.background{ background-color: rgb(209,  
228, 250) }
```

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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