

Converting Colors

XYZ(72.7564, 79.5193,
102.7886)

Have a look what the booklet for
XYZ(72.7564, 79.5193, 102.7886)
contains.

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Color

**XYZ(72.8530, 79.6471,
102.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8FB
RGB	207, 235, 251
RGB Percent	81%, 92%, 98%
CMY	0.1882, 0.0784, 0.0157
CMYK	0.18, 0.06, 0.00, 0.02
HSL	202°, 85%, 90%
HSV	202°, 18%, 98%
XYZ	72.8530, 79.6471, 102.8004
YIQ	228.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

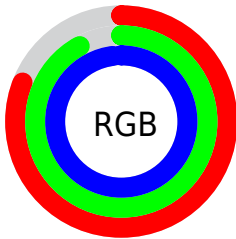
Format	Color
R _Y B	207, 224, 251
Decimal	13626363
CIE Lab	91.53, -5.89, -10.81
CIE LCh	92, 12.314, 241.428
Yxy	79.6471, 0.2854, 0.3120
Android (android.graphics.Color)	4291816443 (0xFFCFEBFB)
YUV	228.4520, 11.1162, -18.8134
Hunter-Lab	89.2452, -10.4653, -5.8237

Details

The XYZ color **72.8530, 79.6471, 102.8004** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4343, 77.7894, 69.9666**, and the grayscale version is **74.0082, 77.8624, 84.7922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8066, 42.8106, 57.2569** is the 20% darker color. If you saturate the color by 10%, you get **63.8447, 71.2255, 101.6509**, and if you desaturate by 10%, it is **83.1148, 88.9180, 104.0503**.

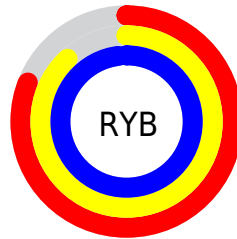
Distribution



Red (81%)

Green (92%)

Blue (98%)



Red (81%)

Yellow (88%)

Blue (98%)

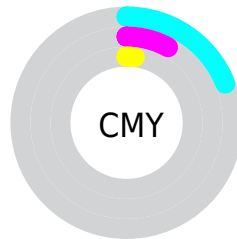


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (19%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8530, 79.6471, 102.8004 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 72.8530, 79.6471, 102.8004 by changing the saturation by 10% instead.

■ 72.8530, 79.6471,
102.8004

■ 72.8530, 79.6471,
102.8004

459.6169,
493.7427, 590.4574

■ 54.1437, 59.4280,
78.0114

122.2728,
132.8695, 167.0856

■ 38.9477, 42.9578,
57.5669

153.7139,
166.6415, 207.4190

■ 26.8996, 29.8520,
41.0482

190.1298,
205.7000, 253.7708

■ 17.6340, 19.7263,
28.0367

231.8857,
250.4293, 306.5598

■ 10.7856, 12.1962,
18.1141

279.3470,
301.2138, 366.2044

■ 5.9891, 6.8775,
10.8616

332.8791,

■ 2.8791, 3.3856,

358.4380, 433.1232

5.8609

392.8472,
422.4862, 507.7347

■ 1.0901, 1.3362,
2.6932

■ 0.0168, 0.1690,
0.9400

■ 72.8530, 79.6471,
102.8004

■ 72.8530, 79.6471,
102.8004

■ 63.8447, 71.2255,
101.6509

■ 83.1148, 88.9180,
104.0503

■ 56.0283, 63.6123,
100.5934

■ 93.8590, 98.6374,
105.3601

■ 49.3474, 56.7774,
99.6263

■ 94.4128, 99.7451,
105.5447

■ 43.7377, 50.6848,
98.7459

■ 39.1282, 45.2945,
97.9485

■ 35.4384, 40.5618,
97.2294

■ 32.5738, 36.4347,
96.5838

■ 30.4109, 32.8461,
96.0051

■ 29.9397, 32.0189,
95.8703

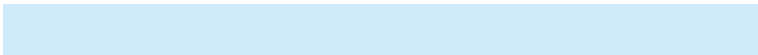
Harmonies

Analogous

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



70.6695, 79.6471, 96.0483



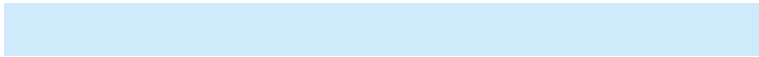
72.8530, 79.6471, 102.8004



75.8527, 79.6471, 105.1694

Triad

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



72.8530, 79.6471, 102.8004



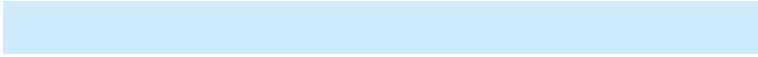
81.8957, 79.6471, 86.2921



72.5994, 79.6471, 72.7970

Complementary

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



72.8530, 79.6471, 102.8004



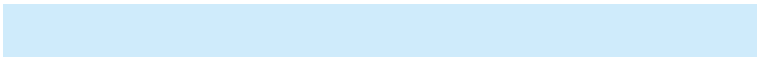
77.4343, 77.7894, 69.9666

Split Complementary

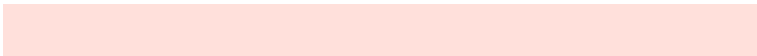
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5519, 79.6471, 70.5690



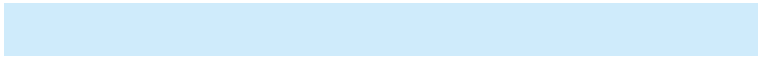
72.8530, 79.6471, 102.8004



80.9683, 79.6471, 78.0202

Square

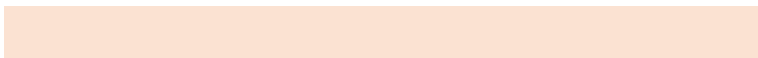
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8530, 79.6471, 102.8004



81.1257, 79.6471, 95.2519



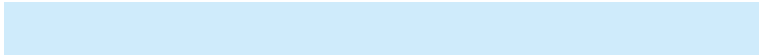
78.6247, 79.6471, 72.4143



70.5259, 79.6471, 78.7175

Rectangle

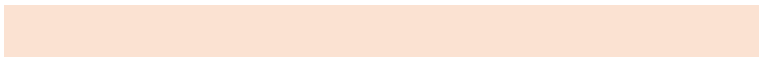
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8530, 79.6471, 102.8004



77.9280, 79.6471, 103.8229



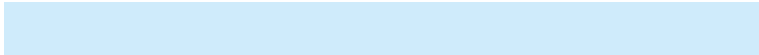
78.6247, 79.6471, 72.4143



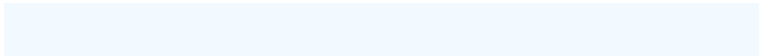
73.5192, 79.6471, 71.6105

Sweetspot

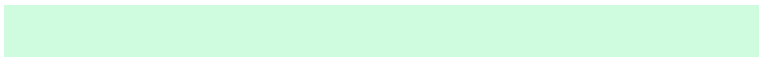
The Sweet Spot groups the original color and five complimentary colors.



72.8554, 79.6504, 102.8022



89.0528, 94.7395, 108.2007



73.4692, 87.5565, 82.4180



18.8864, 20.1238, 23.1388



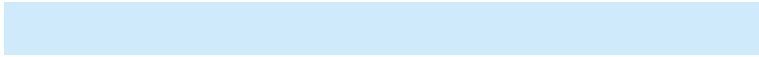
0.0000, 0.0000, 0.0000



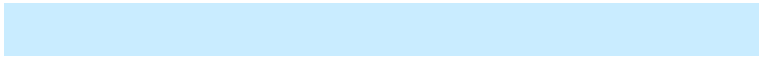
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8554, 79.6504, 102.8022



72.1192, 79.4212, 106.1365



67.0916, 68.1229, 100.8809



17.2042, 18.4852, 22.0465



15.8807, 17.1170, 50.4405



1.5716, 1.7868, 4.7052

Inverse Universe

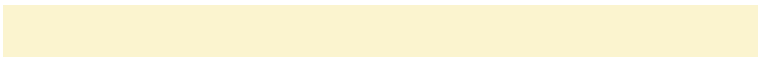
The Inverse Universe completely reimagines the original color for something new.



77.0937, 71.1347, 88.2681



77.3040, 69.2723, 88.2967



83.5186, 89.9579, 71.9947



17.7096, 17.4112, 20.3265



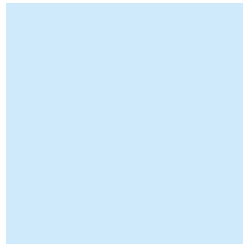
24.3079, 12.1389, 18.8616



2.3022, 1.1446, 2.0147

Previews

White Background



This preview shows how the XYZ color 72.8530, 79.6471, 102.8004 looks on a white background.

Color Contrast Check

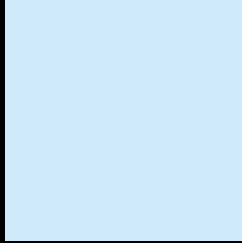
Large Text (above 18pt) WCAG AA × Fail

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 72.8530, 79.6471, 102.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

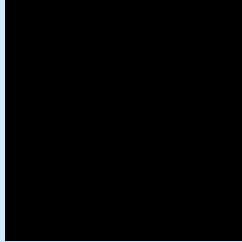
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8530, 79.6471, 102.8004

Background



This preview shows how black text looks on a background with the XYZ color 72.8530, 79.6471, 102.8004.



This preview shows how white text looks on a background with the XYZ color 72.8530, 79.6471,

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

72.8530, 79.6471, 102.8004

Protanopia

77.1209, 79.4120, 99.2590

Deuteranopia

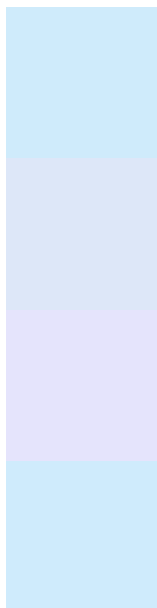
81.0032, 79.2804, 103.9618



Tritanopia

73.1701, 79.7739, 104.4699

Trichromacy



Original Color

72.8530, 79.6471, 102.8004

Protanomaly

75.3380, 79.3013, 100.1429

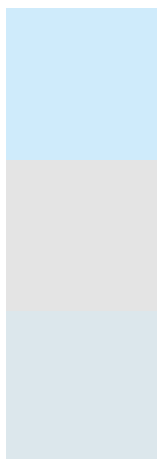
Deuteranomaly

77.6272, 79.1731, 103.2860

Tritanomaly

73.0111, 79.7103, 103.6330

Monochromacy



Original Color

72.8530, 79.6471, 102.8004

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2314, 78.4236, 90.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8530, 79.6471, 102.8004 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(207, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 251)  
}
```

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(207, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 251) }
```

Border

The CSS property to change the border of an element to XYZ 72.8530, 79.6471, 102.8004 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(207, 235, 251) }
```


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

```
.border{ border-color:rgb(207, 235, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8530, 79.6471, 102.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 251) }
```

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

```
.background{ background-color: rgb(207,  
235, 251) }
```

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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