

Converting Colors

XYZ(72.8135, 79.0961,
102.4187)

Have a look what the booklet for
XYZ(72.8135, 79.0961, 102.4187)
contains.

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Color

**XYZ(72.8478, 79.2206,
102.7184)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0EAFB |
| RGB | 208, 234, 251 |
| RGB Percent | 82%, 92%, 98% |
| CMY | 0.1843, 0.0823, 0.0157 |
| CMYK | 0.17, 0.07, 0.00, 0.02 |
| HSL | 204°, 84%, 90% |
| HSV | 204°, 17%, 98% |
| XYZ | 72.8478, 79.2206, 102.7184 |
| YIQ | 228.1640, -20.9530, -0.2250 |

Conversions

Conversions Part 2

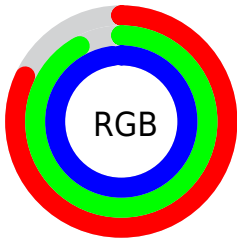
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 208, 224, 251 |
| Decimal | 13691643 |
| CIE Lab | 91.33, -5.07, -11.09 |
| CIE LCh | 91, 12.198, 245.433 |
| Yxy | 79.2206, 0.2859, 0.3109 |
| Android (android.graphics.Color) | 4291881723 (0xFFD0EAFB) |
| YUV | 228.1640, 11.2581, -17.6838 |
| Hunter-Lab | 89.0060, -9.6653, -6.1202 |

Details

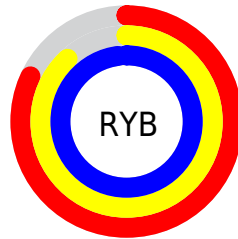
The XYZ color **72.8478, 79.2206, 102.7184** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.0946, 78.9135, 70.7918**, and the grayscale version is **73.7959, 77.6390, 84.5489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7949, 42.5081, 57.1991** is the 20% darker color. If you saturate the color by 10%, you get **63.5961, 70.3767, 101.5002**, and if you desaturate by 10%, it is **83.3791, 88.9632, 104.0451**.

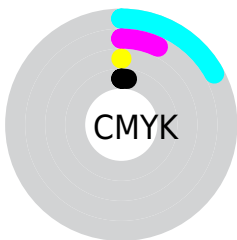
Distribution



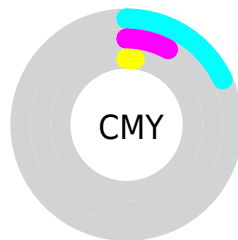
- Red (82%)
- Green (92%)
- Blue (98%)



- Red (82%)
- Yellow (88%)
- Blue (98%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8478, 79.2206, 102.7184 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 72.8478, 79.2206, 102.7184 by changing the saturation by 10% instead.

■ 72.8478, 79.2206,
102.7184

■ 72.8478, 79.2206,
102.7184

459.5991,
492.3023, 590.1943

■ 54.1395, 59.0772,
77.9432

122.2654,
132.2694, 166.9723

■ 38.9443, 42.6753,
57.5112

153.7054,
165.9435, 207.2880

■ 26.8969, 29.6304,
41.0037

190.1200,
204.8968, 253.6211

■ 17.6320, 19.5582,
28.0022

231.8745,
249.5134, 306.3899

■ 10.7842, 12.0743,
18.0883

279.3343,
300.1779, 366.0131

■ 5.9881, 6.7943,
10.8433

332.8648,

■ 2.8785, 3.3338,

357.2746, 432.9093

5.8487

392.8313,
421.1880, 507.4968

■ 1.0898, 1.3084,
2.6860

■ 0.0166, 0.1477,
0.9364

■ 72.8478, 79.2206,
102.7184

■ 72.8478, 79.2206,
102.7184

■ 63.5961, 70.3767,
101.5002

■ 83.3791, 88.9632,
104.0451

■ 55.5621, 62.3894,
100.3820

■ 94.0464, 99.0123,
105.4226

■ 48.6888, 55.2277,
99.3619

■ 94.4128, 99.7451,
105.5447

■ 42.9117, 48.8542,
98.4362

■ 38.1595, 43.2280,
97.6007

■ 34.3514, 38.3033,
96.8508

■ 31.3929, 34.0270,
96.1813

■ 29.1634, 30.3325,
95.5857

■ 28.6065, 29.3525,
95.4259

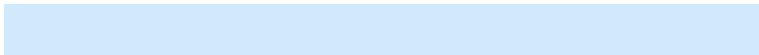
Harmonies

Analogous

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



70.5478, 79.2206, 96.5288



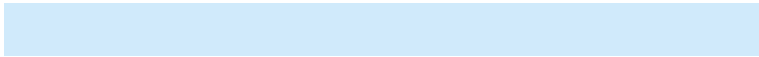
72.8478, 79.2206, 102.7184



75.8621, 79.2206, 104.3758

Triad

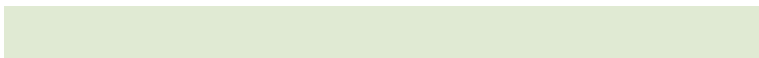
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8478, 79.2206, 102.7184



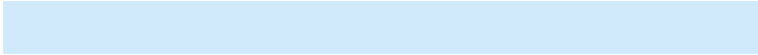
81.3825, 79.2206, 84.6529



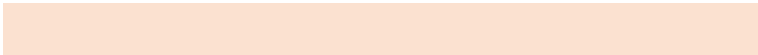
71.8966, 79.2206, 73.0935

Complementary

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



72.8478, 79.2206, 102.7184



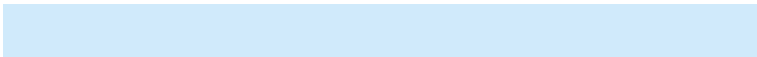
78.0946, 78.9135, 70.7918

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.



74.7343, 79.2206, 70.3680



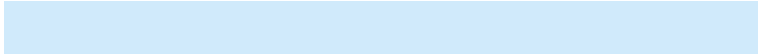
72.8478, 79.2206, 102.7184



80.2543, 79.2206, 76.7425

Square

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



72.8478, 79.2206, 102.7184



80.8441, 79.2206, 93.5451



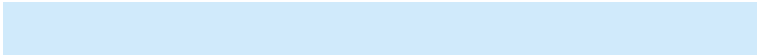
77.8001, 79.2206, 71.6569



70.0092, 79.2206, 79.3591

Rectangle

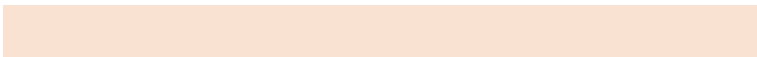
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8478, 79.2206, 102.7184



77.8835, 79.2206, 102.5960



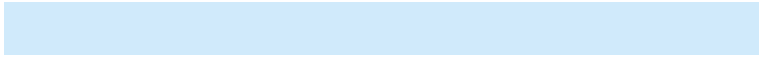
77.8001, 79.2206, 71.6569



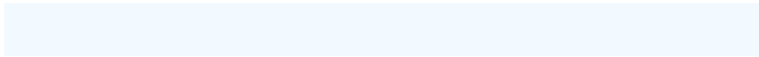
72.7680, 79.2206, 71.7532

Sweetspot

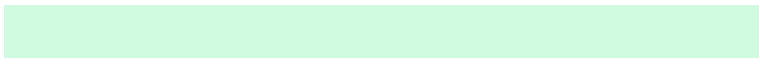
The Sweet Spot groups the original color and five complimentary colors.



72.8502, 79.2239, 102.7202



88.9271, 94.4880, 108.1588



74.0312, 87.8137, 83.9145



18.8559, 20.0627, 23.1286



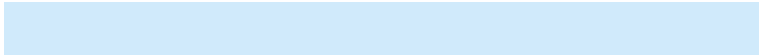
0.0000, 0.0000, 0.0000



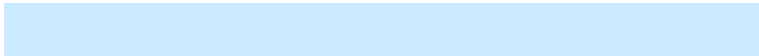
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8502, 79.2239, 102.7202



71.6339, 78.4506, 105.9747



67.2249, 67.9734, 100.8451



17.1564, 18.3897, 22.0306



15.1827, 15.7209, 50.2078



1.5096, 1.6628, 4.6846

Inverse Universe

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



77.1927, 71.5632, 87.5903



77.0590, 69.1743, 87.0067



84.1209, 90.9661, 72.8006



17.6855, 17.4016, 20.1995



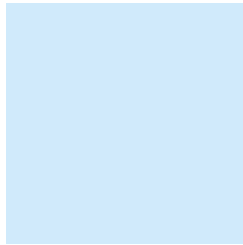
23.9555, 11.9979, 17.0062



2.2709, 1.1321, 1.8498

Previews

White Background



This preview shows how the XYZ color 72.8478, 79.2206, 102.7184 looks on a white background.

Color Contrast Check

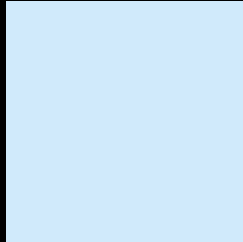
Large Text (above 18pt) WCAG AA × Fail

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 72.8478, 79.2206, 102.7184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

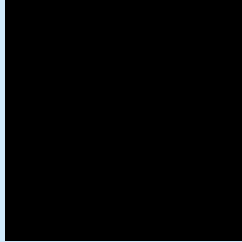
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

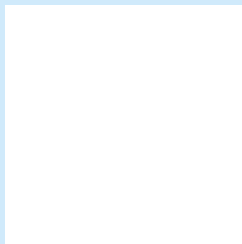
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8478, 79.2206, 102.7184

Background



This preview shows how black text looks on a background with the XYZ color 72.8478, 79.2206, 102.7184.

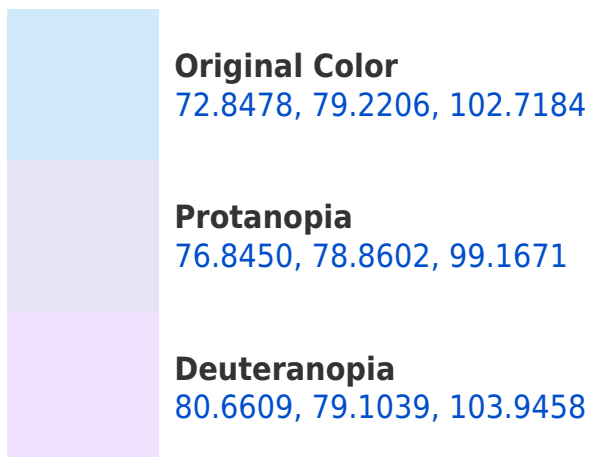


This preview shows how white text looks on a background with the XYZ color 72.8478, 79.2206,

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

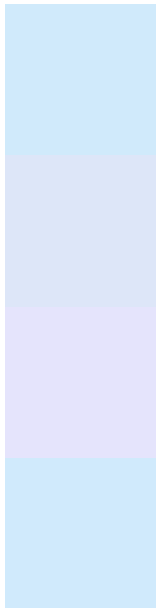




Tritanopia

73.0059, 79.2838, 103.5509

Trichromacy



Original Color

72.8478, 79.2206, 102.7184

Protanomaly

75.0589, 78.7431, 100.0498

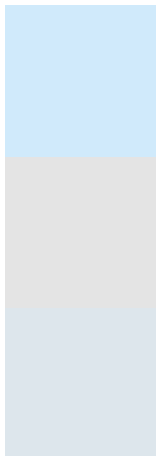
Deuteranomaly

77.6272, 79.1731, 103.2860

Tritanomaly

73.0059, 79.2838, 103.5509

Monochromacy



Original Color

72.8478, 79.2206, 102.7184

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2559, 78.0219, 90.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8478, 79.2206, 102.7184 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, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 234, 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(208, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 234, 251) }
```

Border

The CSS property to change the border of an element to XYZ 72.8478, 79.2206, 102.7184 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, 234, 251) }
```


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

```
.border{ border-color:rgb(208, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 234,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8478, 79.2206, 102.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 234, 251) }
```

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

```
.background{ background-color: rgb(208,  
234, 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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