

Converting Colors

XYZ(75.9530, 79.5988,
121.0765)

Have a look what the booklet for
XYZ(75.9530, 79.5988, 121.0765)
contains.

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Color

**XYZ(72.9190, 78.3431,
105.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E8FF
RGB	208, 232, 255
RGB Percent	82%, 91%, 100%
CMY	0.1843, 0.0902, 0.0000
CMYK	0.18, 0.09, 0.00, 0.00
HSL	209°, 100%, 91%
HSV	209°, 18%, 100%
XYZ	72.9190, 78.3431, 105.8862
YIQ	227.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

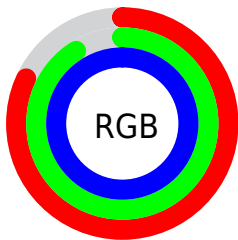
Format	Color
R_{YB}	208, 224, 255
Decimal	13691135
CIE _{Lab}	90.94, -3.21, -13.78
CIE _{LCh}	91, 14.144, 256.892
Yxy	78.3431, 0.2836, 0.3047
Android (android.graphics.Color)	4291881215 (0xFFD0E8FF)
YUV	227.4460, 13.5841, -17.0541
Hunter-Lab	88.5116, -7.8408, -8.9703

Details

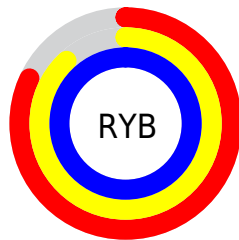
The XYZ color **72.9190, 78.3431, 105.8862** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.2007, 82.9647, 71.4102**, and the grayscale version is **73.2556, 77.0705, 83.9298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8552, 41.9002, 59.4657** is the 20% darker color. If you saturate the color by 10%, you get **62.9298, 68.1654, 104.4482**, and if you desaturate by 10%, it is **84.3144, 89.6199, 107.4623**.

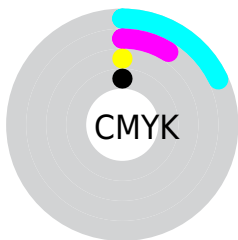
Distribution



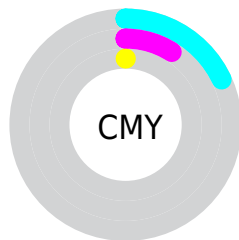
- Red (82%)
- Green (91%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9190, 78.3431, 105.8862 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 72.9190, 78.3431, 105.8862 by changing the saturation by 10% instead.

■ 72.9190, 78.3431,
105.8862

■ 72.9190, 78.3431,
105.8862

459.8422,
489.3313, 600.3111

■ 54.1979, 58.3559,
80.5812

122.3660,
131.0337, 171.3451

■ 38.9912, 42.0948,
59.6678

153.8225,
164.5058, 212.3361

■ 26.9336, 29.1755,
42.7273

190.2549,
203.2417, 259.3927

■ 17.6597, 19.2137,
29.3414

232.0285,
247.6257, 312.9337

■ 10.8041, 11.8248,
19.0915

279.5087,
298.0423, 373.3775

■ 6.0016, 6.6245,
11.5589

333.0608,

■ 2.8867, 3.2284,

354.8758, 441.1426

6.3252

393.0502,
418.5107, 516.6477

■ 1.0941, 1.2521,
2.9719

■ 0.0202, 0.1036,
1.0803

■ 72.9190, 78.3431,
105.8862

■ 72.9190, 78.3431,
105.8862

■ 62.9298, 68.1654,
104.4482

■ 84.3144, 89.6199,
107.4623

■ 54.2804, 59.0389,
103.1425

95.0500, 100.0000,
108.9000

■ 46.9080, 50.9254,
101.9650

■ 40.7421, 43.7803,
100.9108

■ 35.7046, 37.5550,
99.9747

■ 31.7071, 32.1951,
99.1509

■ 28.6457, 27.6379,
98.4326

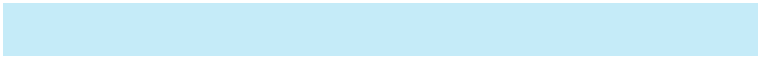
■ 26.3773, 23.8001,
97.8114

■ 26.0636, 23.2472,
97.7212

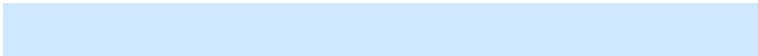
Harmonies

Analogous

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



69.8760, 78.3431, 100.4521



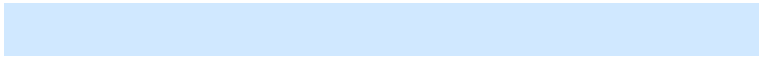
72.9190, 78.3431, 105.8862



76.4723, 78.3431, 105.4992

Triad

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



72.9190, 78.3431, 105.8862



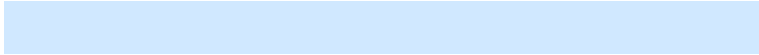
81.2162, 78.3431, 79.7243



69.5697, 78.3431, 72.5778

Complementary

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



72.9190, 78.3431, 105.8862



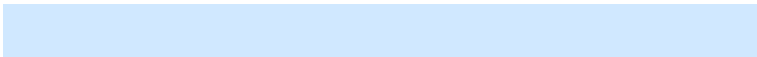
81.2007, 82.9647, 71.4102

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.



72.4887, 78.3431, 67.8631



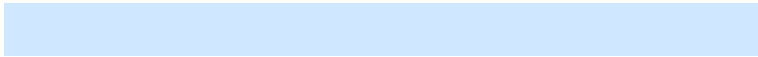
72.9190, 78.3431, 105.8862



79.2460, 78.3431, 71.7579

Square

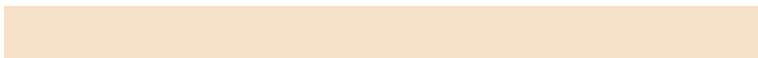
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9190, 78.3431, 105.8862



81.3404, 78.3431, 89.8324



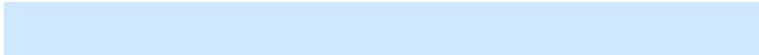
76.0282, 78.3431, 67.5755



67.9842, 78.3431, 80.9272

Rectangle

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



72.9190, 78.3431, 105.8862



78.6540, 78.3431, 101.9858



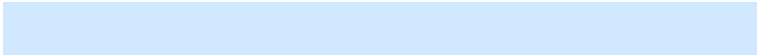
76.0282, 78.3431, 67.5755



70.4232, 78.3431, 70.5454

Sweetspot

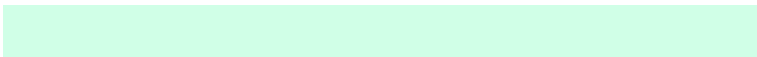
The Sweet Spot groups the original color and five complimentary colors.



72.9211, 78.3462, 105.8867



87.3016, 92.5291, 107.8664



76.1571, 90.6839, 88.8825



18.5125, 19.6363, 23.0644



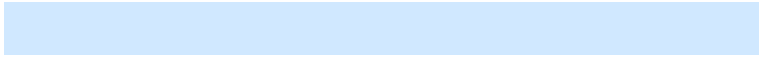
0.0000, 0.0000, 0.0000



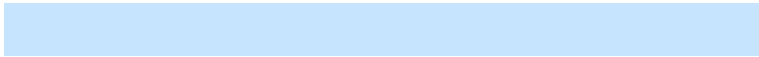
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9211, 78.3462, 105.8867



69.1967, 74.5886, 105.3577



66.8111, 66.1262, 103.8500



17.7700, 18.9117, 22.9637



13.7688, 12.4471, 51.1114



1.4500, 1.4307, 5.0130

Inverse Universe

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



78.3627, 72.1995, 86.1533



75.5818, 67.6374, 82.1442



88.1361, 96.8354, 73.7220



18.3966, 18.1419, 20.7055



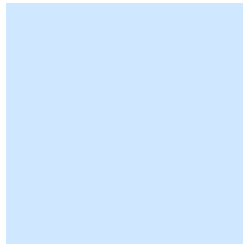
23.7380, 11.9845, 12.5369



2.3665, 1.1890, 1.5114

Previews

White Background



This preview shows how the XYZ color 72.9190, 78.3431, 105.8862 looks on a white background.

Color Contrast Check

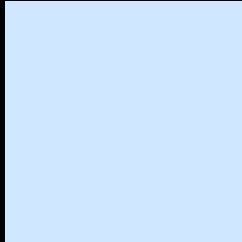
Large Text (above 18pt) WCAG AA × Fail

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 72.9190, 78.3431, 105.8862 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

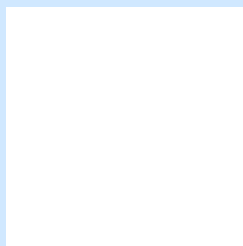
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9190, 78.3431, 105.8862

Background



This preview shows how black text looks on a background with the XYZ color 72.9190, 78.3431, 105.8862.



This preview shows how white text looks on a background with the XYZ color 72.9190, 78.3431,

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

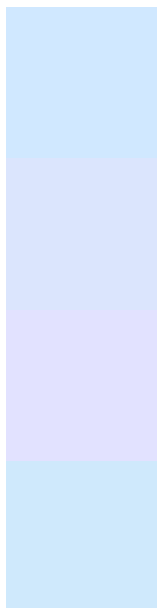




Tritanopia

72.2836, 78.5083, 102.6106

Trichromacy



Original Color

72.9190, 78.3431, 105.8862

Protanomaly

74.9624, 78.1905, 104.0699

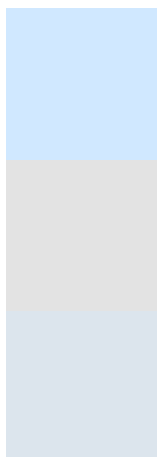
Deuteranomaly

76.6104, 77.7815, 105.5833

Tritanomaly

72.4417, 78.5715, 103.4432

Monochromacy



Original Color

72.9190, 78.3431, 105.8862

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8206, 77.3687, 91.2164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9190, 78.3431, 105.8862 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, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 232, 255)  
}
```

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, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.9190, 78.3431, 105.8862 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, 232, 255) }
```


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

```
.border{ border-color:rgb(208, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9190, 78.3431, 105.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 232, 255) }
```

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

```
.background{ background-color: rgb(208,  
232, 255) }
```

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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