

Converting Colors

XYZ(75.9650, 80.5642,
121.4501)

Have a look what the booklet for
XYZ(75.9650, 80.5642, 121.4501)
contains.

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Color

**XYZ(72.9264, 79.1874,
106.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	CEEAFF
RGB	206, 234, 255
RGB Percent	81%, 92%, 100%
CMY	0.1921, 0.0823, 0.0000
CMYK	0.19, 0.08, 0.00, 0.00
HSL	206°, 100%, 90%
HSV	206°, 19%, 100%
XYZ	72.9264, 79.1874, 106.0488
YIQ	228.0220, -23.4290, 0.5950

Conversions

Conversions Part 2

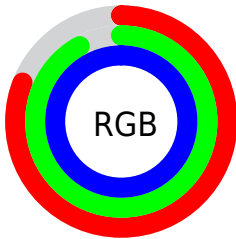
Format	Color
R _Y B	206, 224, 255
Decimal	13560575
CIE Lab	91.32, -4.84, -13.22
CIE LCh	91, 14.076, 249.879
Yxy	79.1874, 0.2825, 0.3067
Android (android.graphics.Color)	4291750655 (0xFFCEEAFF)
YUV	228.0220, 13.3002, -19.3133
Hunter-Lab	88.9873, -9.4444, -8.3665

Details

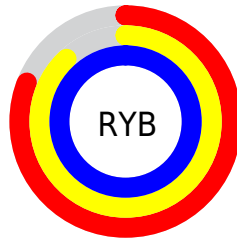
The XYZ color **72.9264, 79.1874, 106.0488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8494, 80.6534, 69.7534**, and the grayscale version is **73.6788, 77.5158, 84.4147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8759, 42.4973, 59.5799** is the 20% darker color. If you saturate the color by 10%, you get **63.3982, 69.8008, 104.7392**, and if you desaturate by 10%, it is **83.7992, 89.5561, 107.4771**.

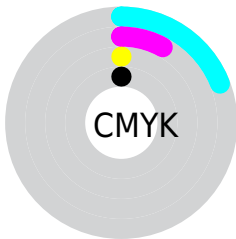
Distribution



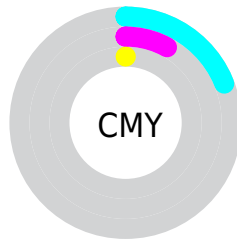
- Red (81%)
- Green (92%)
- Blue (100%)



- Red (81%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9264, 79.1874, 106.0488 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 72.9264, 79.1874, 106.0488 by changing the saturation by 10% instead.

■ 72.9264, 79.1874,
106.0488

■ 72.9264, 79.1874,
106.0488

459.8674,
492.1901, 600.8280

■ 54.2039, 59.0499,
80.7167

122.3764,
132.2227, 171.5692

■ 38.9961, 42.6533,
59.7787

153.8347,
165.8892, 212.5946

■ 26.9374, 29.6132,
42.8162

190.2689,
204.8342, 259.6882

■ 17.6625, 19.5452,
29.4106

232.0445,
249.4421, 313.2685

■ 10.8062, 12.0649,
19.1434

279.5268,
300.0972, 373.7541

■ 6.0030, 6.7879,
11.5961

333.0812,

■ 2.8876, 3.3298,

357.1840, 441.5635

6.3501

393.0729,
421.0868, 517.1153

■ 1.0946, 1.3062,
2.9869

■ 0.0206, 0.1460,
1.0879

■ 72.9264, 79.1874,
106.0488

■ 72.9264, 79.1874,
106.0488

■ 63.3982, 69.8008,
104.7392

■ 83.7992, 89.5561,
107.4771

■ 55.1494, 61.3515,
103.5431

95.0500, 100.0000,
108.9000

■ 48.1189, 53.8047,
102.4570

■ 42.2373, 47.1193,
101.4765

■ 37.4278, 41.2502,
100.5972

■ 33.6032, 36.1466,
99.8137

■ 30.6602, 31.7495,
99.1200

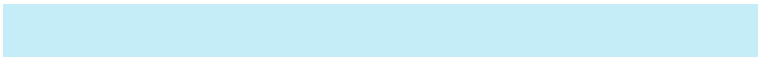
■ 28.4453, 27.9734,
98.5079

■ 28.2878, 27.6955,
98.4626

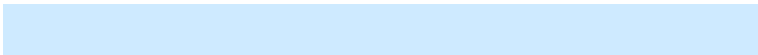
Harmonies

Analogous

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



70.1149, 79.1874, 99.4633



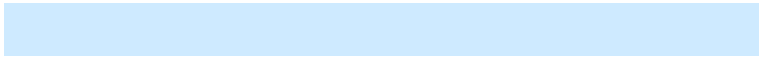
72.9264, 79.1874, 106.0488



76.4502, 79.1874, 107.0959

Triad

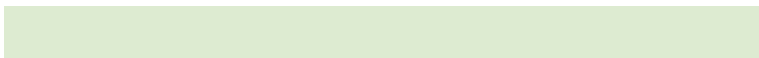
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9264, 79.1874, 106.0488



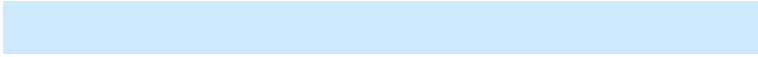
82.2389, 79.1874, 82.8895



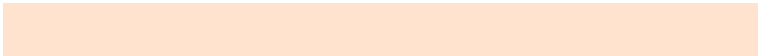
70.9454, 79.1874, 71.9859

Complementary

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



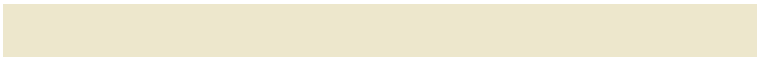
72.9264, 79.1874, 106.0488



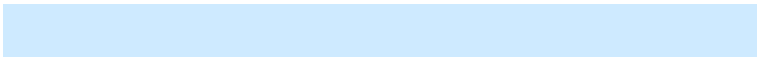
79.8494, 80.6534, 69.7534

Split Complementary

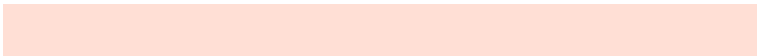
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0926, 79.1874, 68.2529



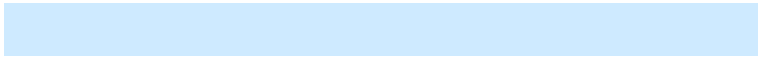
72.9264, 79.1874, 106.0488



80.6618, 79.1874, 74.2107

Square

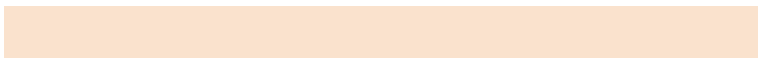
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9264, 79.1874, 106.0488



81.9026, 79.1874, 93.1692



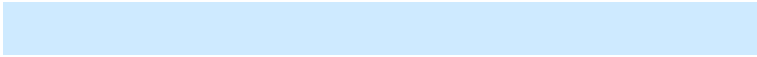
77.6536, 79.1874, 69.0339



68.9965, 79.1874, 79.6283

Rectangle

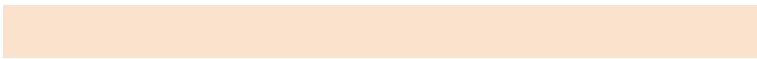
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9264, 79.1874, 106.0488



78.7401, 79.1874, 104.4332



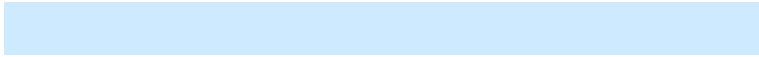
77.6536, 79.1874, 69.0339



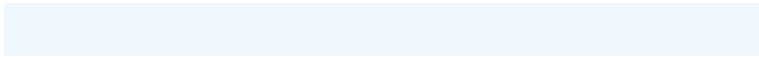
71.8941, 79.1874, 70.2608

Sweetspot

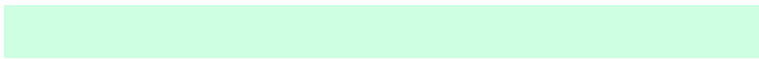
The Sweet Spot groups the original color and five complimentary colors.



72.9285, 79.1905, 106.0493



87.5875, 93.1009, 107.9617



74.9993, 90.1562, 85.7018



18.5801, 19.7714, 23.0869



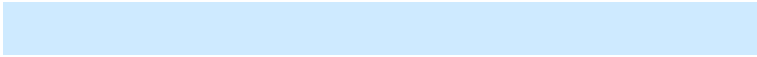
0.0000, 0.0000, 0.0000



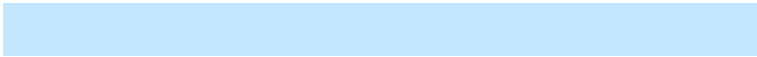
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9285, 79.1905, 106.0493



69.1664, 75.5233, 105.5397



66.5721, 66.4778, 103.9305



17.8649, 19.1014, 22.9953



14.9322, 14.7739, 51.4992



1.5624, 1.6555, 5.0505

Inverse Universe

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



78.1639, 71.3447, 87.4967



75.3234, 66.6037, 83.6520



86.8521, 94.6588, 72.0876



18.4444, 18.1611, 20.9576



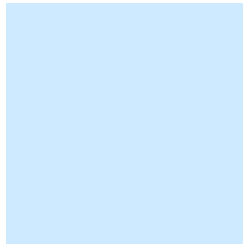
24.3253, 12.2194, 15.6292



2.4232, 1.2117, 1.8101

Previews

White Background



This preview shows how the XYZ color 72.9264, 79.1874, 106.0488 looks on a white background.

Color Contrast Check

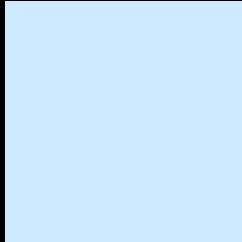
Large Text (above 18pt) WCAG AA × Fail

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 72.9264, 79.1874, 106.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

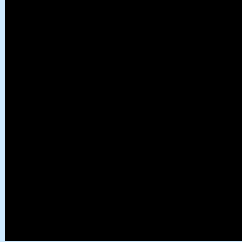
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

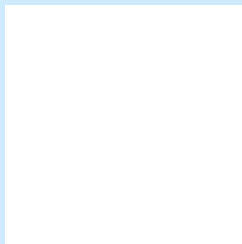
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9264, 79.1874, 106.0488

Background



This preview shows how black text looks on a background with the XYZ color 72.9264, 79.1874, 106.0488.

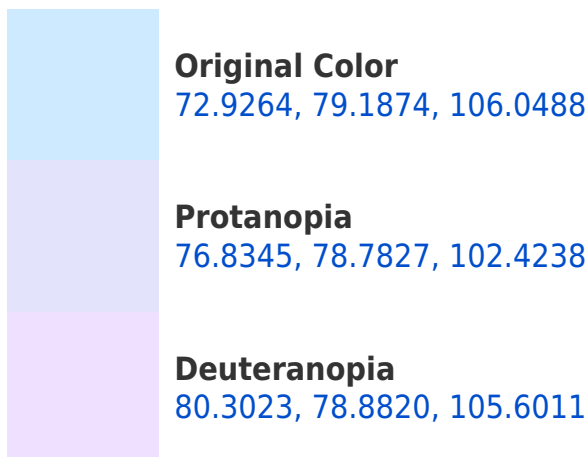


This preview shows how white text looks on a background with the XYZ color 72.9264, 79.1874,

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

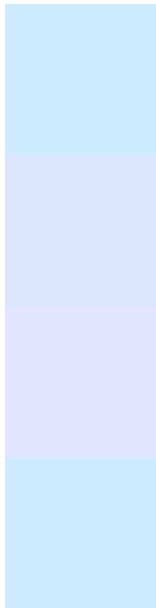




Tritanopia

72.6060, 79.0593, 104.3617

Trichromacy



Original Color

72.9264, 79.1874, 106.0488

Protanomaly

75.0809, 78.6820, 103.3254

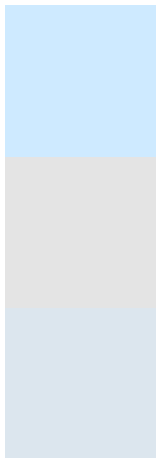
Deuteranomaly

77.4720, 79.0377, 105.7803

Tritanomaly

72.7658, 79.1232, 105.2031

Monochromacy



Original Color

72.9264, 79.1874, 106.0488

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2446, 77.9823, 92.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9264, 79.1874, 106.0488 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(206, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 234, 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(206, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.9264, 79.1874, 106.0488 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(206, 234, 255) }
```


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

```
.border{ border-color:rgb(206, 234, 255) }
```

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

Here you see how a box with a 4 pixel rgb(206, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9264, 79.1874, 106.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 234, 255) }
```

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

```
.background{ background-color: rgb(206,  
234, 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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