

Converting Colors

XYZ(74.5737, 75.5165,
114.5689)

Have a look what the booklet for
XYZ(74.5737, 75.5165, 114.5689)
contains.

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Color

**XYZ(72.7566, 74.5943,
105.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DFFF
RGB	216, 223, 255
RGB Percent	85%, 87%, 100%
CMY	0.1529, 0.1255, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	229°, 100%, 92%
HSV	229°, 15%, 100%
XYZ	72.7566, 74.5943, 105.1712
YIQ	224.5550, -14.4440, 8.4680

Conversions

Conversions Part 2

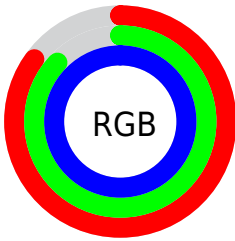
Format	Color
R _Y B	216, 222, 255
Decimal	14213119
CIE Lab	89.20, 3.92, -16.32
CIE LCh	89, 16.783, 283.525
Yxy	74.5943, 0.2881, 0.2954
Android (android.graphics.Color)	4292403199 (0xFFD8DFFF)
YUV	224.5550, 15.0094, -7.5027
Hunter-Lab	86.3680, -0.7752, -11.7405

Details

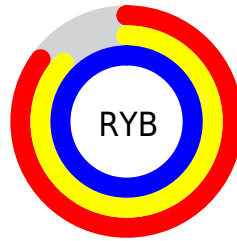
The XYZ color **72.7566, 74.5943, 105.1712** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2016, 93.3513, 78.3900**, and the grayscale version is **71.1537, 74.8592, 81.5217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8936, 39.6595, 59.0312** is the 20% darker color. If you saturate the color by 10%, you get **60.5511, 60.5123, 103.0964**, and if you desaturate by 10%, it is **86.8259, 90.6662, 107.5319**.

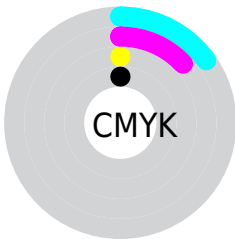
Distribution



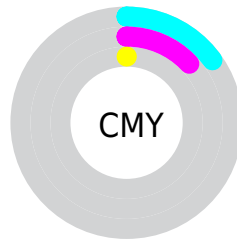
- Red (85%)
- Green (87%)
- Blue (100%)



- Red (85%)
- Yellow (87%)
- Blue (100%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7566, 74.5943, 105.1712 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 72.7566, 74.5943, 105.1712 by changing the saturation by 10% instead.

■ 72.7566, 74.5943,
105.1712

■ 72.7566, 74.5943,
105.1712

459.2877,
476.5220, 598.0355

■ 54.0646, 55.2806,
79.9853

122.1366,
125.7379, 170.3593

■ 38.8842, 39.6264,
59.1802

153.5554,
158.3366, 211.1985

■ 26.8500, 27.2474,
42.3372

189.9471,
196.1324, 258.0927

■ 17.5966, 17.7591,
29.0379

231.6771,
239.5097, 311.4602

■ 10.7587, 10.7772,
18.8637

279.1108,
288.8529, 371.7198

■ 5.9709, 5.9172,
11.3960

332.6136,

■ 2.8679, 2.7948,

344.5465, 439.2898

6.2163

392.5508,
406.9747, 514.5889

■ 1.0843, 1.0256,
2.9062

■ 0.0119, 0.0000,
1.0469

■ 72.7566, 74.5943,
105.1712

■ 72.7566, 74.5943,
105.1712

■ 60.5511, 60.5123,
103.0964

■ 86.8259, 90.6662,
107.5319

■ 50.1245, 48.3335,
101.2952

95.0500, 100.0000,
108.9000

■ 41.3943, 37.9777,
99.7565

■ 34.2688, 29.3557,
98.4678

■ 28.6478, 22.3704,
97.4157

■ 24.4190, 16.9148,
96.5856

■ 21.4541, 12.8686,
95.9609

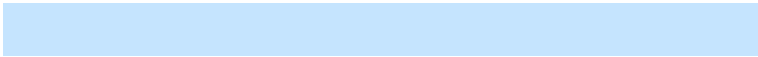
■ 19.5982, 10.0913,
95.5226

■ 19.0187, 9.1575,
95.3729

Harmonies

Analogous

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



68.6905, 74.5943, 104.8146



72.7566, 74.5943, 105.1712



76.4602, 74.5943, 98.6885

Triad

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



72.7566, 74.5943, 105.1712



76.7620, 74.5943, 66.6629



63.6156, 74.5943, 74.9930

Complementary

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



72.7566, 74.5943, 105.1712



87.2016, 93.3513, 78.3900

Split Complementary

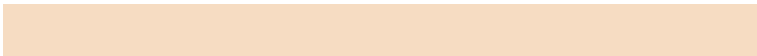
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.6155, 74.5943, 65.9459



72.7566, 74.5943, 105.1712



73.1557, 74.5943, 61.4628

Square

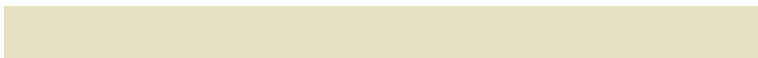
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7566, 74.5943, 105.1712



78.8321, 74.5943, 76.0614



69.0746, 74.5943, 61.2136



63.5180, 74.5943, 86.6078

Rectangle

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



72.7566, 74.5943, 105.1712



78.1821, 74.5943, 91.6916



69.0746, 74.5943, 61.2136



64.0841, 74.5943, 71.5786

Sweetspot

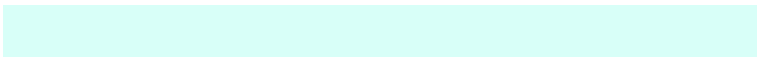
The Sweet Spot groups the original color and five complimentary colors.



72.7586, 74.5973, 105.1717



87.2671, 91.1680, 107.6055



80.9997, 92.8873, 102.3453



18.4530, 19.2569, 22.9943



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.



72.7586, 74.5973, 105.1717



69.2739, 70.5920, 104.5822



74.7131, 72.8846, 104.7381



17.2667, 17.9051, 22.7959



10.0133, 4.9363, 49.8596



1.0432, 0.6171, 4.8774

Inverse Universe

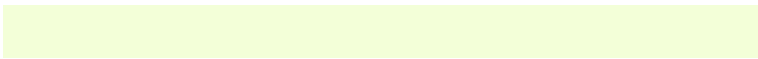
The Inverse Universe completely reimagines the original color for something new.



79.1165, 75.7010, 80.2574



76.6339, 71.9376, 75.7253



84.9967, 95.4706, 78.9153



18.1425, 18.0403, 19.3677



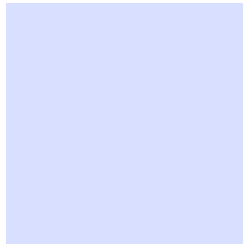
21.8425, 11.2263, 2.5550



2.1612, 1.1068, 0.4301

Previews

White Background



This preview shows how the XYZ color 72.7566, 74.5943, 105.1712 looks on a white background.

Color Contrast Check

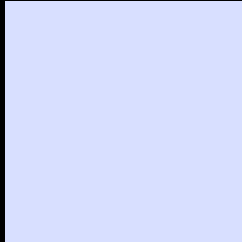
Large Text (above 18pt) WCAG AA × Fail

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 72.7566, 74.5943, 105.1712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

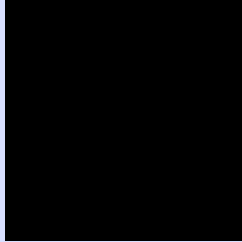
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7566, 74.5943, 105.1712

Background



This preview shows how black text looks on a background with the XYZ color 72.7566, 74.5943, 105.1712.

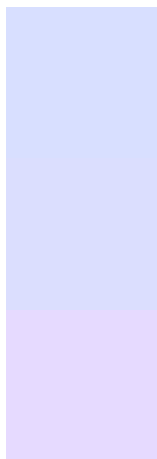


This preview shows how white text looks on a background with the XYZ color 72.7566, 74.5943,

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

72.7566, 74.5943, 105.1712

Protanopia

73.2241, 74.4584, 104.2785

Deuteranopia

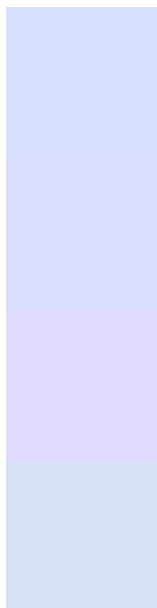
75.7545, 74.1858, 104.9343



Tritanopia

70.8344, 74.6176, 95.4633

Trichromacy



Original Color

72.7566, 74.5943, 105.1712

Protanomaly

72.9241, 74.3037, 104.2645

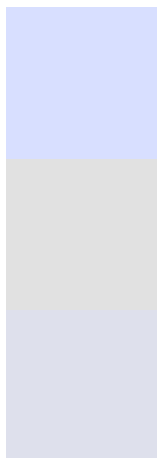
Deuteranomaly

74.6945, 74.4140, 105.0342

Tritanomaly

71.4685, 74.4738, 98.6038

Monochromacy



Original Color

72.7566, 74.5943, 105.1712

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9202, 74.8970, 90.0229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7566, 74.5943, 105.1712 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(216, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 223, 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(216, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.7566, 74.5943, 105.1712 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(216, 223, 255) }
```


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

```
.border{ border-color:rgb(216, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7566, 74.5943, 105.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 223, 255) }
```

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

```
.background{ background-color: rgb(216,  
223, 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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