

Converting Colors

XYZ(73.3586, 75.4678,
105.3081)

Have a look what the booklet for
XYZ(73.3586, 75.4678, 105.3081)
contains.

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Color

**XYZ(73.3209, 75.2830,
105.2744)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E0FF
RGB	217, 224, 255
RGB Percent	85%, 88%, 100%
CMY	0.1490, 0.1215, 0.0000
CMYK	0.15, 0.12, 0.00, 0.00
HSL	229°, 100%, 93%
HSV	229°, 15%, 100%
XYZ	73.3209, 75.2830, 105.2744
YIQ	225.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

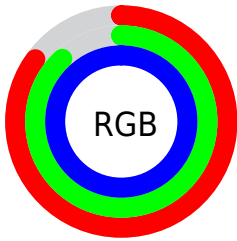
Format	Color
R _Y B	217, 223, 255
Decimal	14278911
CIE Lab	89.53, 3.71, -15.83
CIE LCh	90, 16.255, 283.204
Yxy	75.2830, 0.2888, 0.2965
Android (android.graphics.Color)	4292468991 (0xFFD9E0FF)
YUV	225.4410, 14.5726, -7.4028
Hunter-Lab	86.7658, -0.9998, -11.2015

Details

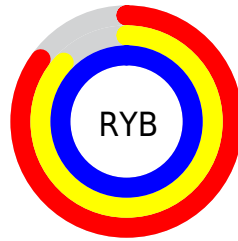
The XYZ color **73.3209, 75.2830, 105.2744** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.3313, 93.4031, 79.0730**, and the grayscale version is **71.7927, 75.5315, 82.2538**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2813, 40.1345, 59.1025** is the 20% darker color. If you saturate the color by 10%, you get **61.0666, 61.1700, 103.1962**, and if you desaturate by 10%, it is **87.4342, 91.3735, 107.6363**.

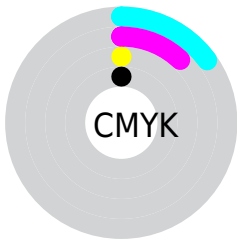
Distribution



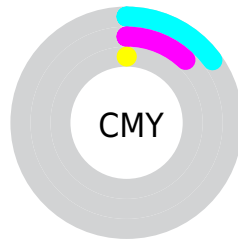
- Red (85%)
- Green (88%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3209, 75.2830, 105.2744 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 73.3209, 75.2830, 105.2744 by changing the saturation by 10% instead.

73.3209, 75.2830,
105.2744

73.3209, 75.2830,
105.2744

461.2128,
478.8897, 598.3643

54.5277, 55.8448,
80.0713

122.9333,
126.7129, 170.5016

39.2561, 40.0785,
59.2505

154.4833,
159.4733, 211.3628

27.1406, 27.5997,
42.3935

191.0162,
197.4433, 258.2804

17.8160, 18.0242,
29.0817

232.8975,
241.0071, 311.6730

10.9168, 10.9673,
18.8965

280.4924,
290.5493, 371.9592

6.0778, 6.0449,
11.4195

334.1664,

2.9336, 2.8724,

346.4542, 439.5574

6.2320

394.2847,
409.1062, 514.8863

■ 1.1187, 1.0655,
2.9156

■ 0.0407, 0.0000,
1.0517

■ 73.3209, 75.2830,
105.2744

■ 73.3209, 75.2830,
105.2744

■ 61.0666, 61.1700,
103.1962

■ 87.4342, 91.3735,
107.6363

■ 50.5871, 48.9487,
101.3896

95.0500, 100.0000,
108.9000

■ 41.8006, 38.5402,
99.8436

■ 34.6163, 29.8565,
98.5462

■ 28.9349, 22.8022,
97.4840

■ 24.6454, 17.2719,
96.6426

■ 21.6209, 13.1476,
96.0059

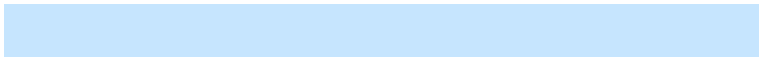
■ 19.7090, 10.2915,
95.5554

■ 19.0663, 9.2525,
95.3888

Harmonies

Analogous

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



69.3603, 75.2830, 104.8539



73.3209, 75.2830, 105.2744



76.9356, 75.2830, 99.0506

Triad

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



73.3209, 75.2830, 105.2744



77.2930, 75.2830, 67.8306



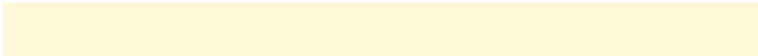
64.4585, 75.2830, 75.7843

Complementary

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



73.3209, 75.2830, 105.2744



87.3313, 93.4031, 79.0730

Split Complementary

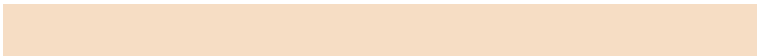
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4298, 75.2830, 66.9760



73.3209, 75.2830, 105.2744



73.7940, 75.2830, 62.6849

Square

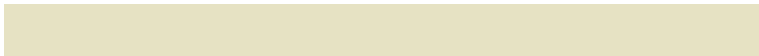
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3209, 75.2830, 105.2744



79.2857, 75.2830, 77.0536



69.8162, 75.2830, 62.3873



64.3424, 75.2830, 87.0920

Rectangle

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



73.3209, 75.2830, 105.2744



78.6227, 75.2830, 92.2792



69.8162, 75.2830, 62.3873



64.9227, 75.2830, 72.4594

Sweetspot

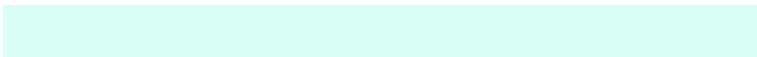
The Sweet Spot groups the original color and five complimentary colors.



73.3229, 75.2860, 105.2749



88.7994, 92.9223, 107.8633



81.2264, 93.0122, 101.9921



18.7625, 19.6122, 23.0466



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.



73.3229, 75.2860, 105.2749



69.3300, 70.7042, 104.6009



74.9859, 73.4067, 104.8245



17.2738, 17.9191, 22.7983



10.0398, 4.9892, 49.8684



1.0468, 0.6242, 4.8786

Inverse Universe

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



79.5087, 76.2690, 81.0553



76.6622, 71.9489, 75.8744



85.4545, 95.6916, 79.6136



18.1461, 18.0417, 19.3864



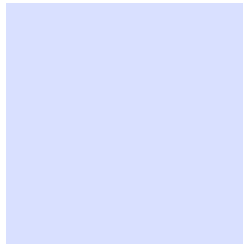
21.8558, 11.2316, 2.6253



2.1630, 1.1076, 0.4396

Previews

White Background



This preview shows how the XYZ color 73.3209, 75.2830, 105.2744 looks on a white background.

Color Contrast Check

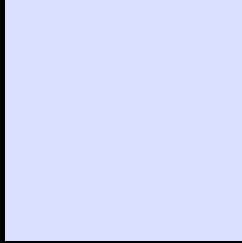
Large Text (above 18pt) WCAG AA × Fail

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 73.3209, 75.2830, 105.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

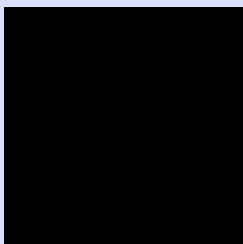
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3209, 75.2830, 105.2744

Background



This preview shows how black text looks on a background with the XYZ color 73.3209, 75.2830, 105.2744.

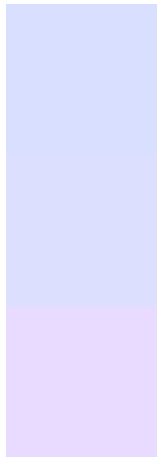


This preview shows how white text looks on a background with the XYZ color 73.3209, 75.2830,

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

73.3209, 75.2830, 105.2744

Protanopia

73.7923, 75.1468, 104.3814

Deuteranopia

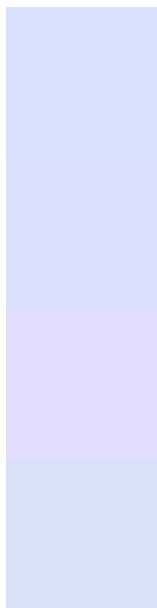
76.6602, 75.0388, 105.0513



Tritanopia

71.5498, 75.3714, 96.3650

Trichromacy



Original Color

73.3209, 75.2830, 105.2744

Protanomaly

73.4905, 74.9912, 104.3673

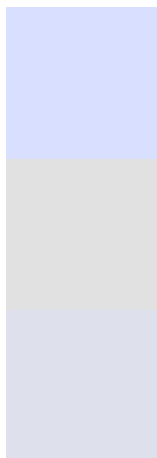
Deuteranomaly

75.5850, 75.2638, 105.1513

Tritanomaly

72.1874, 75.2267, 99.5225

Monochromacy



Original Color

73.3209, 75.2830, 105.2744

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1897, 75.4362, 90.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3209, 75.2830, 105.2744 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(217, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 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(217, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3209, 75.2830, 105.2744 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(217, 224, 255) }
```


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

```
.border{ border-color:rgb(217, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3209, 75.2830, 105.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 255) }
```

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

```
.background{ background-color: rgb(217,  
224, 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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