

Converting Colors

XYZ(73.0391, 77.3721,
121.9669)

Have a look what the booklet for
XYZ(73.0391, 77.3721, 121.9669)
contains.

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Color

**XYZ(69.9000, 75.9557,
105.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E6FF
RGB	199, 230, 255
RGB Percent	78%, 90%, 100%
CMY	0.2196, 0.0980, 0.0000
CMYK	0.22, 0.10, 0.00, 0.00
HSL	207°, 100%, 89%
HSV	207°, 22%, 100%
XYZ	69.9000, 75.9557, 105.5845
YIQ	223.5810, -26.5010, 1.2030

Conversions

Conversions Part 2

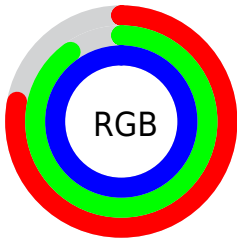
Format	Color
R_{YB}	199, 219, 255
Decimal	13100799
CIE _{Lab}	89.84, -4.88, -15.48
CIE _{LCh}	90, 16.231, 252.491
Yxy	75.9557, 0.2780, 0.3021
Android (android.graphics.Color)	4291290879 (0xFFC7E6FF)
YUV	223.5810, 15.4896, -21.5575
Hunter-Lab	87.1526, -9.3525, -10.8225

Details

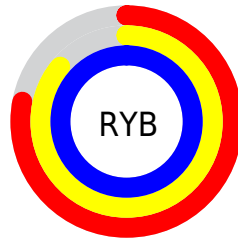
The XYZ color **69.9000, 75.9557, 105.5845** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.2044, 78.6941, 65.1023**, and the grayscale version is **70.4610, 74.1304, 80.7280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0246, 40.6665, 59.3241** is the 20% darker color. If you saturate the color by 10%, you get **60.6281, 66.6278, 104.2727**, and if you desaturate by 10%, it is **80.5166, 86.2878, 107.0193**.

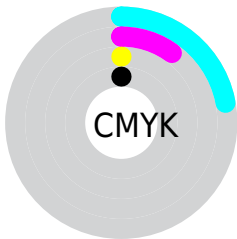
Distribution



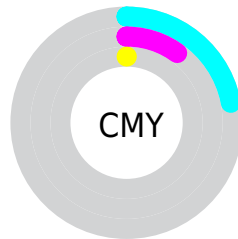
- Red (78%)
- Green (90%)
- Blue (100%)



- Red (78%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9000, 75.9557, 105.5845 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 69.9000, 75.9557, 105.5845 by changing the saturation by 10% instead.

■ 69.9000, 75.9557,
105.5845

■ 69.9000, 75.9557,
105.5845

449.4707,
481.1960, 599.3515

■ 51.7243, 56.3962,
80.3297

118.0932,
127.6643, 170.9292

■ 37.0088, 40.5207,
59.4620

148.8414,
160.5821, 211.8562

■ 25.3880, 27.9447,
42.5627

184.5112,
198.7216, 258.8444

■ 16.4966, 18.2840,
29.2133

225.4678,
242.4670, 312.3122

■ 9.9693, 11.1541,
18.9952

272.0768,
292.2027, 372.6783

■ 5.4407, 6.1706,
11.4901

324.7033,

■ 2.5455, 2.9491,

348.3132, 440.3612

6.2792

383.7128,
411.1828, 515.7794

■ 0.9183, 1.1052,
2.9441

■ 0.0000, 0.0000,
1.0661

■ 69.9000, 75.9557,
105.5845

■ 69.9000, 75.9557,
105.5845

■ 60.6281, 66.6278,
104.2727

■ 80.5166, 86.2878,
107.0193

■ 52.6342, 58.2580,
103.0785

■ 92.5280, 97.6496,
108.5793

■ 45.8552, 50.8099,
101.9982

■ 95.0500, 100.0000,
108.9000

■ 40.2194, 44.2401,
101.0271

■ 35.6469, 38.5012,
100.1604

■ 32.0461, 33.5395,
99.3925

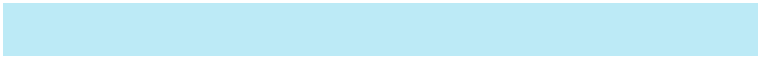
■ 29.3075, 29.2914,
98.7169

■ 27.6008, 26.3215,
98.2336

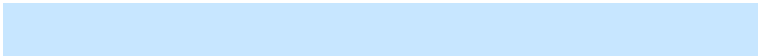
Harmonies

Analogous

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



66.6593, 75.9557, 98.5229



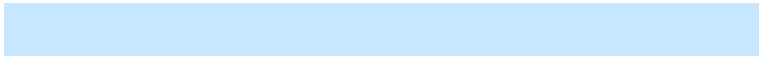
69.9000, 75.9557, 105.5845



73.8730, 75.9557, 106.1742

Triad

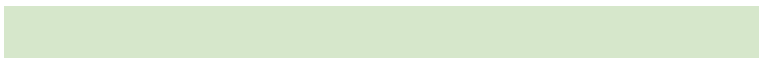
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9000, 75.9557, 105.5845



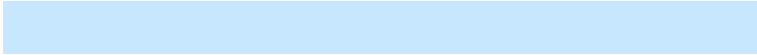
79.9812, 75.9557, 78.0211



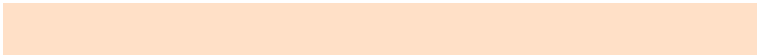
67.1128, 75.9557, 67.4738

Complementary

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



69.9000, 75.9557, 105.5845



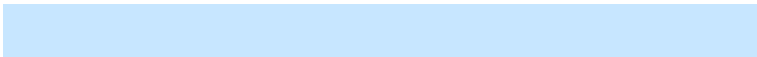
78.2044, 78.6941, 65.1023

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.



70.5398, 75.9557, 62.9737



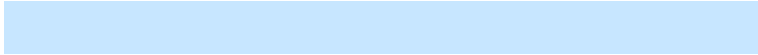
69.9000, 75.9557, 105.5845



78.0260, 75.9557, 68.6740

Square

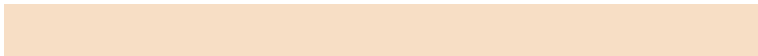
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9000, 75.9557, 105.5845



79.7944, 75.9557, 89.5217



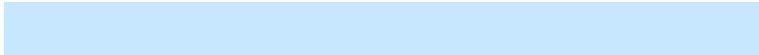
74.5369, 75.9557, 63.3917



65.0915, 75.9557, 76.2394

Rectangle

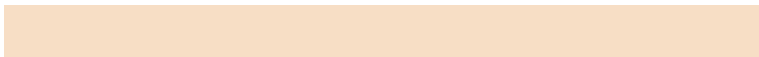
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



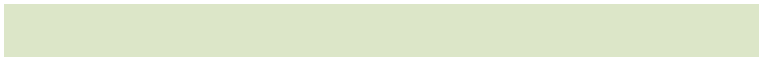
69.9000, 75.9557, 105.5845



76.4124, 75.9557, 102.7486



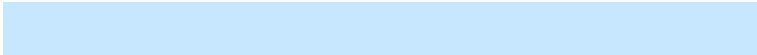
74.5369, 75.9557, 63.3917



68.1330, 75.9557, 65.4502

Sweetspot

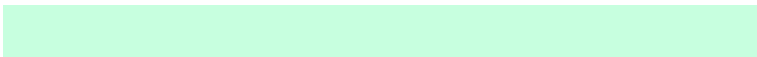
The Sweet Spot groups the original color and five complimentary colors.



69.9021, 75.9587, 105.5850



86.2958, 91.7916, 107.7770



72.6695, 89.0047, 83.3514



18.3163, 19.5009, 23.0486



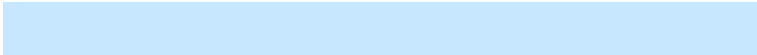
0.0000, 0.0000, 0.0000



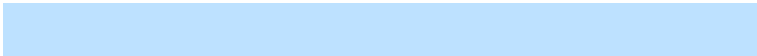
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9021, 75.9587, 105.5850



65.9969, 72.0705, 105.0403



62.8977, 61.9499, 103.2502



17.8369, 19.0454, 22.9860



14.5734, 14.0563, 51.3796



1.5280, 1.5868, 5.0390

Inverse Universe

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



75.9477, 67.8217, 83.9543



73.0192, 62.9847, 79.8334



86.1298, 94.5449, 67.7441



18.4303, 18.1554, 20.8833



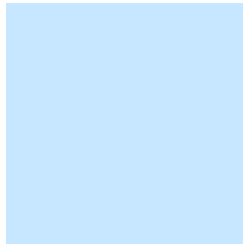
24.1442, 12.1470, 14.6755



2.4059, 1.2047, 1.7188

Previews

White Background



This preview shows how the XYZ color 69.9000, 75.9557, 105.5845 looks on a white background.

Color Contrast Check

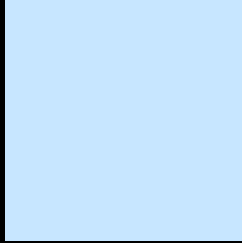
Large Text (above 18pt) WCAG AA × Fail

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 69.9000, 75.9557, 105.5845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

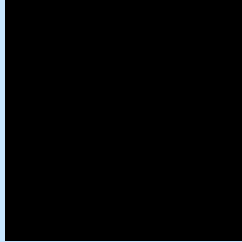
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

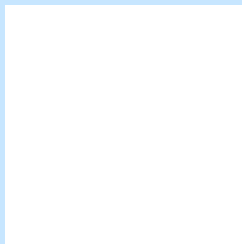
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9000, 75.9557, 105.5845

Background



This preview shows how black text looks on a background with the XYZ color 69.9000, 75.9557, 105.5845.



This preview shows how white text looks on a background with the XYZ color 69.9000, 75.9557,

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

69.9000, 75.9557, 105.5845

Protanopia

74.1924, 75.8059, 101.9884

Deuteranopia

76.9219, 75.5622, 105.1385



Tritanopia

68.9635, 75.9971, 100.6567

Trichromacy



Original Color

69.9000, 75.9557, 105.5845

Protanomaly

72.4986, 75.7171, 102.8892

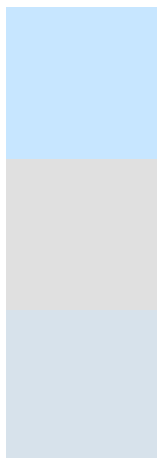
Deuteranomaly

74.2209, 75.7470, 105.3165

Tritanomaly

69.2772, 76.1226, 102.3086

Monochromacy



Original Color

69.9000, 75.9557, 105.5845

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2161, 74.8379, 89.3416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9000, 75.9557, 105.5845 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(199, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 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(199, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.9000, 75.9557, 105.5845 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(199, 230, 255) }
```


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

```
.border{ border-color:rgb(199, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9000, 75.9557, 105.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 255) }
```

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

```
.background{ background-color: rgb(199,  
230, 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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