

Converting Colors

XYZ(70.3667, 76.5855,
104.3121)

Have a look what the booklet for
XYZ(70.3667, 76.5855, 104.3121)
contains.

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Color

**XYZ(70.3929, 76.6612,
104.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E7FD
RGB	201, 231, 253
RGB Percent	79%, 91%, 99%
CMY	0.2118, 0.0941, 0.0078
CMYK	0.21, 0.09, 0.00, 0.01
HSL	205°, 93%, 89%
HSV	205°, 21%, 99%
XYZ	70.3929, 76.6612, 104.0155
YIQ	224.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

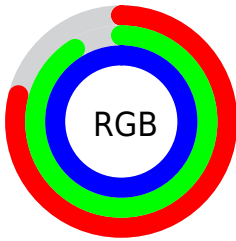
Format	Color
R _Y B	201, 220, 253
Decimal	13232125
CIE Lab	90.17, -5.23, -13.93
CIE LCh	90, 14.881, 249.411
Yxy	76.6612, 0.2804, 0.3053
Android (android.graphics.Color)	4291422205 (0xFFC9E7FD)
YUV	224.5380, 14.0318, -20.6428
Hunter-Lab	87.5564, -9.7146, -9.1460

Details

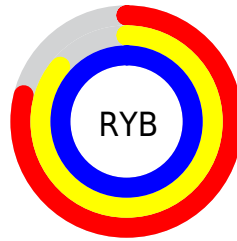
The XYZ color **70.3929, 76.6612, 104.0155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4390, 77.8750, 66.2098**, and the grayscale version is **71.1538, 74.8593, 81.5218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1478, 40.7565, 58.1334** is the 20% darker color. If you saturate the color by 10%, you get **61.2397, 67.6326, 102.7565**, and if you desaturate by 10%, it is **80.8540, 86.6399, 105.3915**.

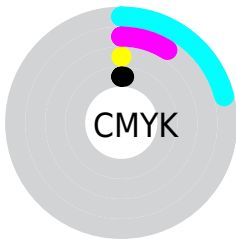
Distribution



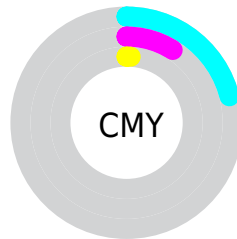
- Red (79%)
- Green (91%)
- Blue (99%)



- Red (79%)
- Yellow (86%)
- Blue (99%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (21%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3929, 76.6612, 104.0155 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 70.3929, 76.6612, 104.0155 by changing the saturation by 10% instead.

■ 70.3929, 76.6612,
104.0155

■ 70.3929, 76.6612,
104.0155

451.1733,
483.6081, 594.3477

■ 52.1277, 56.9749,
79.0228

118.7921,
128.6611, 168.7644

■ 37.3315, 40.9851,
58.3931

149.6568,
161.7435, 209.3576

■ 25.6391, 28.3074,
41.7080

185.4520,
200.0600, 255.9880

■ 16.6851, 18.5575,
28.5488

226.5431,
243.9950, 309.0742

■ 10.1042, 11.3510,
18.4971

273.2954,
293.9329, 369.0348

■ 5.5309, 6.3034,
11.1344

326.0743,

■ 2.5999, 3.0305,

350.2581, 436.2882

6.0420

385.2451,
413.3551, 511.2530

■ 0.9459, 1.1477,
2.8014

■ 0.0000, 0.0183,
0.9942

■ 70.3929, 76.6612,
104.0155

■ 70.3929, 76.6612,
104.0155

■ 61.2397, 67.6326,
102.7565

■ 80.8540, 86.6399,
105.3915

■ 53.3296, 59.5100,
101.6056

■ 92.6703, 97.5918,
106.8826

■ 46.6020, 52.2592,
100.5606

■ 94.7299, 99.8719,
107.2142

■ 40.9884, 45.8397,
99.6174

■ 36.4122, 40.2069,
98.7713

■ 32.7865, 35.3104,
98.0173

■ 30.0073, 31.0911,
97.3494

■ 28.0051, 27.6424,
96.7893

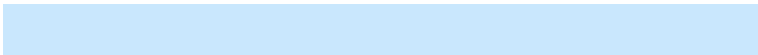
Harmonies

Analogous

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



67.5090, 76.6612, 97.0742



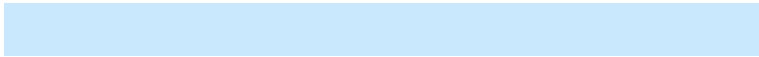
70.3929, 76.6612, 104.0155



74.0327, 76.6612, 105.2085

Triad

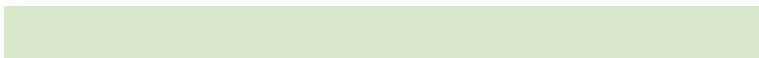
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3929, 76.6612, 104.0155



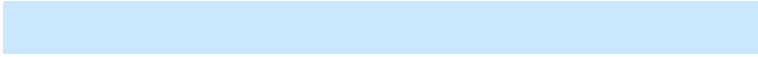
80.1042, 76.6612, 80.1863



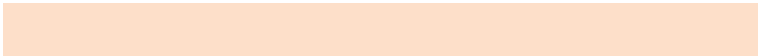
68.4438, 76.6612, 68.7096

Complementary

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



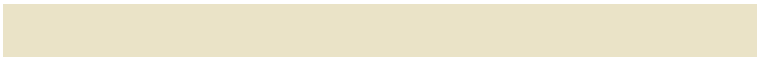
70.3929, 76.6612, 104.0155



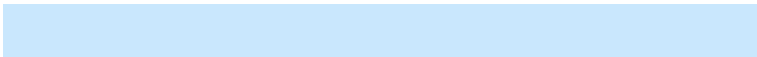
77.4390, 77.8750, 66.2098

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.



71.7080, 76.6612, 64.9550



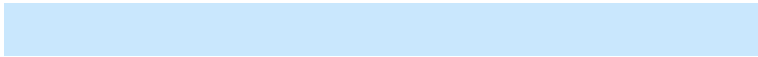
70.3929, 76.6612, 104.0155



78.4953, 76.6612, 71.2020

Square

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



70.3929, 76.6612, 104.0155



79.7231, 76.6612, 90.8367



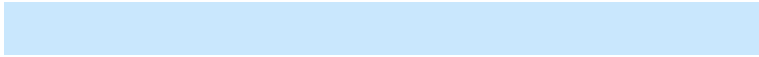
75.3926, 76.6612, 65.8272



66.4104, 76.6612, 76.5146

Rectangle

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



70.3929, 76.6612, 104.0155



76.4109, 76.6612, 102.4906



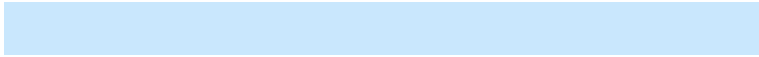
75.3926, 76.6612, 65.8272



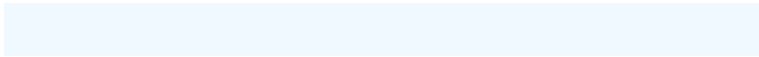
69.4289, 76.6612, 66.9633

Sweetspot

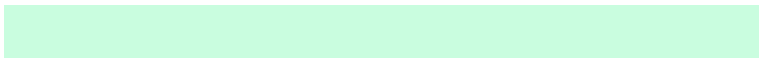
The Sweet Spot groups the original color and five complimentary colors.



70.3952, 76.6643, 104.0172



87.6133, 93.1526, 107.9703



72.4885, 87.9792, 82.7393



18.5862, 19.7837, 23.0890



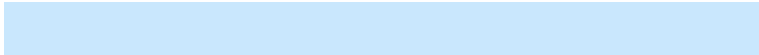
0.0000, 0.0000, 0.0000



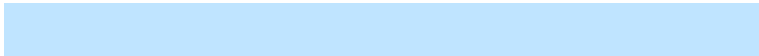
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3952, 76.6643, 104.0172



67.3511, 73.8334, 105.3092



63.7297, 63.3333, 101.7954



17.8735, 19.1185, 22.9982



15.0450, 14.9995, 51.5368



1.5731, 1.6770, 5.0540

Inverse Universe

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



75.8203, 68.4272, 84.8165



73.9335, 64.2340, 81.9240



84.8247, 92.6466, 68.6717



18.4488, 18.1628, 20.9804



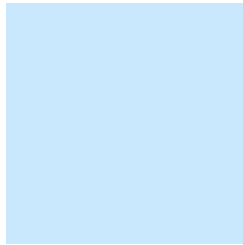
24.3822, 12.2422, 15.9290



2.4287, 1.2138, 1.8387

Previews

White Background



This preview shows how the XYZ color 70.3929, 76.6612, 104.0155 looks on a white background.

Color Contrast Check

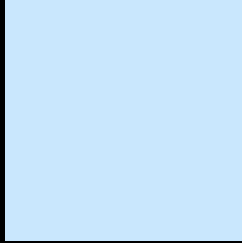
Large Text (above 18pt) WCAG AA × Fail

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 70.3929, 76.6612, 104.0155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

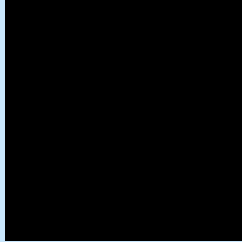
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

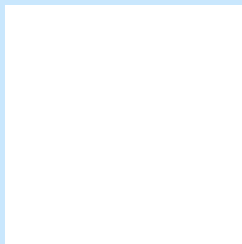
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3929, 76.6612, 104.0155

Background



This preview shows how black text looks on a background with the XYZ color 70.3929, 76.6612, 104.0155.

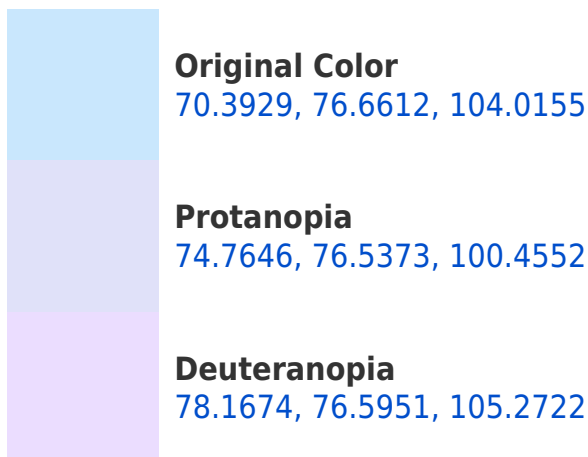


This preview shows how white text looks on a background with the XYZ color 70.3929, 76.6612,

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

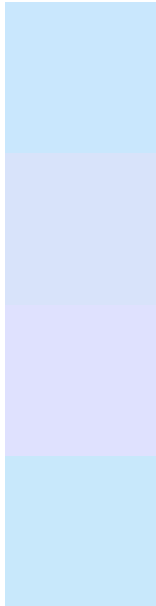




Tritanopia

69.9313, 76.8947, 101.5989

Trichromacy



Original Color

70.3929, 76.6612, 104.0155

Protanomaly

73.0433, 76.4392, 101.3469

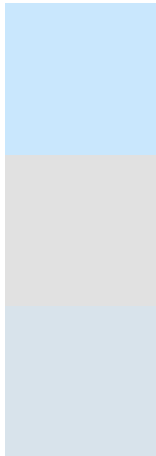
Deuteranomaly

75.2460, 76.6942, 104.6035

Tritanomaly

70.0886, 76.9576, 102.4270

Monochromacy



Original Color

70.3929, 76.6612, 104.0155

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.7834, 75.5353, 89.4463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3929, 76.6612, 104.0155 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(201, 231, 253)` looks like.

```
.text, #text, p{  
    color:rgb(201, 231, 253)  
}
```

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(201, 231, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 231, 253) }
```

Border

The CSS property to change the border of an element to XYZ 70.3929, 76.6612, 104.0155 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(201, 231, 253) }
```


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

```
.border{ border-color:rgb(201, 231, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 231, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 231, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 231, 253);  
box-shadow:4px 4px 4px 4px rgb(201, 231,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3929, 76.6612, 104.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 231, 253) }
```

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

```
.background{ background-color: rgb(201,  
231, 253) }
```

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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