

Converting Colors

XYZ(74.1495, 89.3385,
102.8111)

Have a look what the booklet for
XYZ(74.1495, 89.3385, 102.8111)
contains.

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Color

**XYZ(74.0941, 89.3067,
102.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFF9
RGB	190, 255, 249
RGB Percent	75%, 100%, 98%
CMY	0.2549, 0.0000, 0.0235
CMYK	0.25, 0.00, 0.02, 0.00
HSL	174°, 100%, 87%
HSV	174°, 25%, 100%
XYZ	74.0941, 89.3067, 102.9553
YIQ	234.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

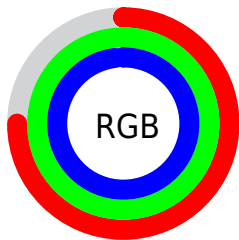
Format	Color
R_{YB}	190, 224, 255
Decimal	12517369
CIE _{Lab}	95.71, -21.33, -3.70
CIE _{LCh}	96, 21.651, 189.845
Yxy	89.3067, 0.2782, 0.3353
Android (android.graphics.Color)	4290707449 (0xFFBEFF9)
YUV	234.8810, 6.9607, -39.3606
Hunter-Lab	94.5022, -25.4267, 1.5582

Details

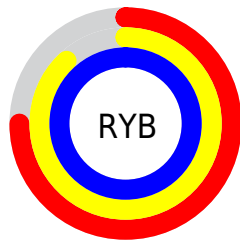
The XYZ color **74.0941, 89.3067, 102.9553** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6180, 62.0738, 60.5374**, and the grayscale version is **78.8438, 82.9498, 90.3323**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **39.8114, 49.3893, 57.8869** is the 20% darker color. If you saturate the color by 10%, you get **67.9082, 86.1599, 100.7630**, and if you desaturate by 10%, it is **81.4009, 93.0308, 105.2270**.

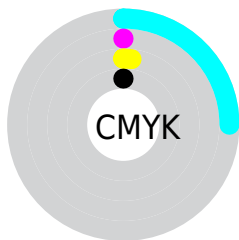
Distribution



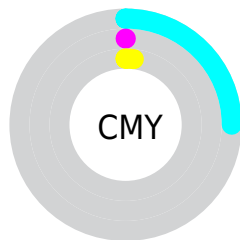
- Red (75%)
- Green (100%)
- Blue (98%)



- Red (75%)
- Yellow (88%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0941, 89.3067, 102.9553 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 74.0941, 89.3067, 102.9553 by changing the saturation by 10% instead.


 74.0941, 89.3067,
102.9553

 74.0941, 89.3067,
102.9553


463.8434,
525.7730, 590.9541

 55.1626, 67.4058,
78.1403


 124.0240,
146.3750, 167.2997

 39.7663, 49.4145,
57.6721


155.7531,
182.3111, 207.6663

 27.5398, 34.9484,
41.1322


192.4788,
223.6945, 254.0537

 18.1177, 23.6231,
28.1019

234.5664,
270.9094, 306.8807

 11.1347, 15.0543,
18.1628

282.3813,
324.3404, 366.5657

 6.2255, 8.8575,
10.8963

336.2889,

 3.0246, 4.6483,

384.3717, 433.5272

5.8838

396.6544,
451.3877, 508.1838

■ 1.1668, 2.0424,
2.7069

■ 0.0799, 0.6320,
0.9469

■ 74.0941, 89.3067,
102.9553

■ 74.0941, 89.3067,
102.9553

■ 67.9082, 86.1599,
100.7630

■ 81.4009, 93.0308,
105.2270


■ 62.7820, 83.5588,
98.6428


■ 89.8793, 97.3584,
107.5761


■ 58.6533, 81.4715,
96.5930


95.0500, 100.0000,
108.9000

■ 55.4519, 79.8617,
94.6104

 53.0988, 78.6887,
92.6912

 51.5015, 77.9047,
90.8309

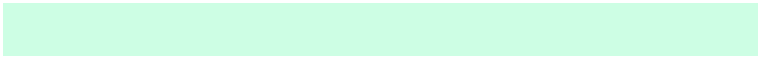
 50.5455, 77.4509,
89.0241

 50.2500, 77.3160,
88.2231

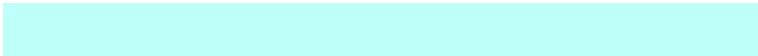
Harmonies

Analogous

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



74.5816, 89.3067, 86.3727



74.0941, 89.3067, 102.9553



76.3920, 89.3067, 119.8002

Triad

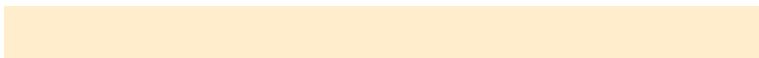
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0941, 89.3067, 102.9553



92.4331, 89.3067, 124.6530



88.8901, 89.3067, 69.5895

Complementary

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



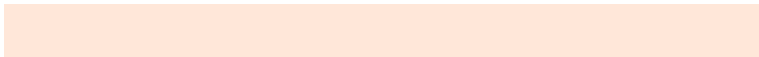
74.0941, 89.3067, 102.9553



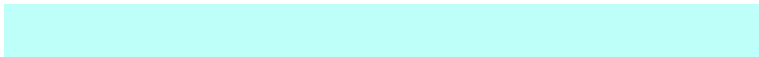
69.6180, 62.0738, 60.5374

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.



93.9816, 89.3067, 77.7060



74.0941, 89.3067, 102.9553



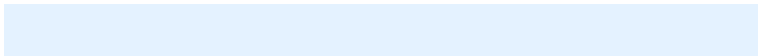
96.0926, 89.3067, 108.9822

Square

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



74.0941, 89.3067, 102.9553



86.8562, 89.3067, 133.2603



96.6722, 89.3067, 91.7399



82.9405, 89.3067, 68.3764

Rectangle

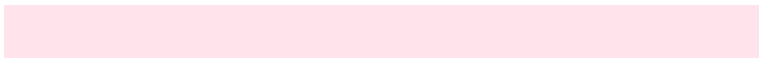
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0941, 89.3067, 102.9553



79.2603, 89.3067, 128.4401



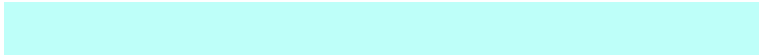
96.6722, 89.3067, 91.7399



90.7662, 89.3067, 71.5517

Sweetspot

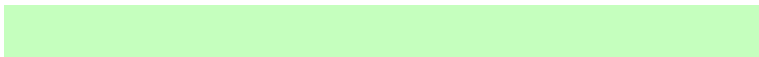
The Sweet Spot groups the original color and five complimentary colors.



74.0951, 89.3072, 102.9568



87.6374, 96.2135, 106.9787



67.9505, 87.0411, 61.9361



18.4783, 20.4509, 22.8217



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

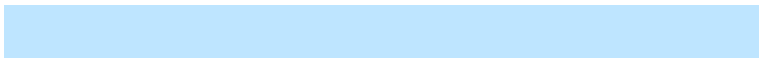
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0951, 89.3072, 102.9568



70.5507, 87.5033, 101.7385



67.3056, 74.2068, 105.3837



18.4783, 20.4509, 22.8217



26.2865, 40.4112, 46.2553



2.5797, 3.9428, 4.6103

Inverse Universe

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



69.6180, 62.0738, 60.5374



65.3283, 55.7202, 52.2455



75.0909, 74.0905, 59.0601



18.0774, 18.0143, 19.0249



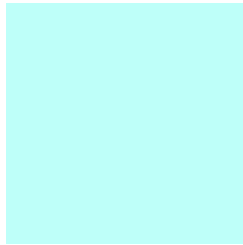
21.6551, 11.1513, 1.5684



2.1304, 1.0945, 0.2679

Previews

White Background



This preview shows how the XYZ color 74.0941, 89.3067, 102.9553 looks on a white background.

Color Contrast Check

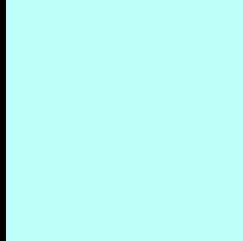
Large Text (above 18pt) WCAG AA × Fail

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 74.0941, 89.3067, 102.9553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

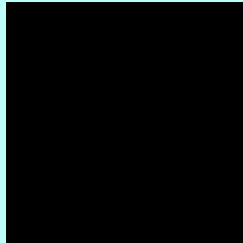
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

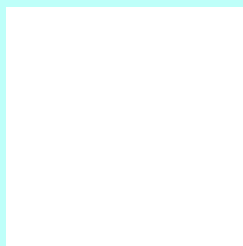
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0941, 89.3067, 102.9553

Background



This preview shows how black text looks on a background with the XYZ color 74.0941, 89.3067, 102.9553.

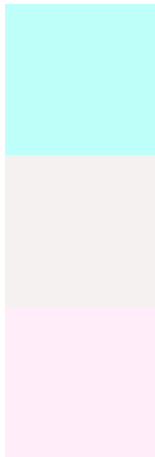


This preview shows how white text looks on a background with the XYZ color 74.0941, 89.3067,

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

74.0941, 89.3067, 102.9553

Protanopia

85.3385, 88.8543, 95.8719

Deuteranopia

88.7795, 88.7305, 102.8900



Tritanopia

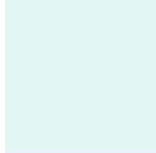
81.4372, 88.8195, 107.4594

Trichromacy



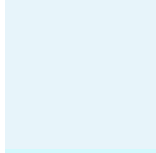
Original Color

74.0941, 89.3067, 102.9553



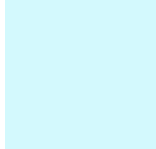
Protanomaly

80.6489, 88.6119, 98.4411



Deuteranomaly

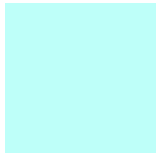
82.5610, 88.5924, 103.1911



Tritanomaly

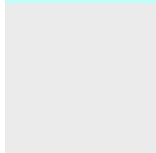
78.4693, 88.6921, 105.9120

Monochromacy



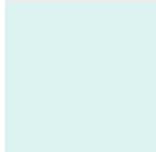
Original Color

74.0941, 89.3067, 102.9553



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6937, 84.8556, 94.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0941, 89.3067, 102.9553 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(190, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 249)  
}
```

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(190, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.0941, 89.3067, 102.9553 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(190, 255, 249) }
```


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

```
.border{ border-color:rgb(190, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0941, 89.3067, 102.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 249) }
```

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

```
.background{ background-color: rgb(190,  
255, 249) }
```

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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