

Converting Colors

XYZ(74.4197, 89.4462,
104.2508)

Have a look what the booklet for
XYZ(74.4197, 89.4462, 104.2508)
contains.

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Color

**XYZ(74.4078, 89.4322,
104.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFFF
RGB	190, 255, 251
RGB Percent	75%, 100%, 98%
CMY	0.2549, 0.0000, 0.0157
CMYK	0.25, 0.00, 0.02, 0.00
HSL	176°, 100%, 87%
HSV	176°, 25%, 100%
XYZ	74.4078, 89.4322, 104.6072
YIQ	235.1090, -37.4560, -15.0240

Conversions

Conversions Part 2

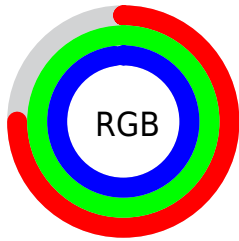
Format	Color
R_{YB}	190, 224, 255
Decimal	12517371
CIE _{Lab}	95.76, -20.91, -4.66
CIE _{LCh}	96, 21.421, 192.554
Yxy	89.4322, 0.2772, 0.3331
Android (android.graphics.Color)	4290707451 (0xFFBEFFFB)
YUV	235.1090, 7.8343, -39.5606
Hunter-Lab	94.5686, -25.0489, 0.6143

Details

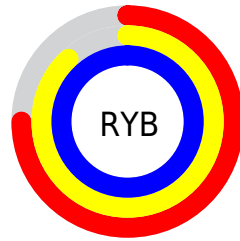
The XYZ color **74.4078, 89.4322, 104.6072** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3919, 61.9833, 59.3463**, and the grayscale version is **79.0112, 83.1259, 90.5241**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **40.0361, 49.4792, 59.0701** is the 20% darker color. If you saturate the color by 10%, you get **68.3404, 86.3328, 103.0391**, and if you desaturate by 10%, it is **81.5935, 93.1078, 106.2412**.

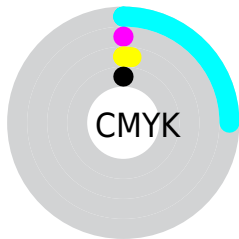
Distribution



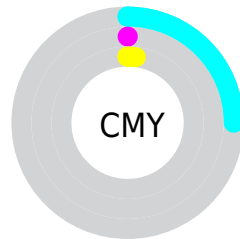
- Red (75%)
- Green (100%)
- Blue (98%)



- 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 74.4078, 89.4322, 104.6072 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 74.4078, 89.4322, 104.6072 by changing the saturation by 10% instead.


 74.4078, 89.4322,
104.6072

 74.4078, 89.4322,
104.6072


464.9082,
526.1821, 596.2373

 55.4203, 67.5098,
79.5155


 124.4661,
146.5494, 169.5811

 39.9735, 49.4990,
58.7959


156.2677,
182.5131, 210.3005

 27.7020, 35.0155,
42.0299


193.0713,
223.9259, 257.0661

 18.2405, 23.6748,
28.7990

235.2424,
271.1724, 310.2965

 11.2235, 15.0926,
18.6845

283.1463,
324.6368, 370.4103

 6.2858, 8.8844,
11.2681

337.1483,

 3.0619, 4.6659,

384.7037, 437.8260

6.1310

397.6138,
451.7573, 512.9622

■ 1.1866, 2.0526,
2.8548

■ 0.0957, 0.6378,
1.0210

■ 74.4078, 89.4322,
104.6072

■ 74.4078, 89.4322,
104.6072

■ 68.3404, 86.3328,
103.0391

■ 81.5935, 93.1078,
106.2412

■ 63.3302, 83.7781,
101.5297

■ 89.9483, 97.3860,
107.9393

■ 59.3150, 81.7362,
100.0775

95.0500, 100.0000,
108.9000

■ 56.2246, 80.1708,
98.6792

■ 53.9799, 79.0411,
97.3311

■ 52.4885, 78.2996,
96.0288

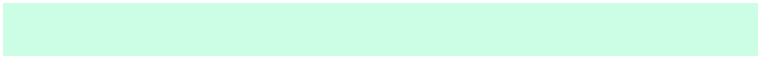
■ 51.6361, 77.8872,
94.7670

■ 51.3864, 77.7706,
94.2075

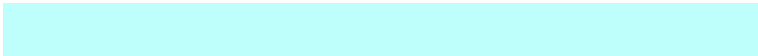
Harmonies

Analogous

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



74.6373, 89.4322, 87.9611



74.4078, 89.4322, 104.6072



76.9202, 89.4322, 121.0314

Triad

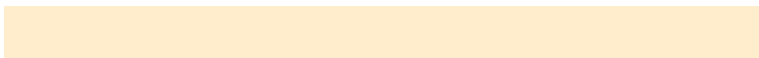
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4078, 89.4322, 104.6072



92.9042, 89.4322, 123.3114



88.4478, 89.4322, 69.5647

Complementary

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



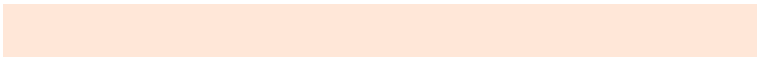
74.4078, 89.4322, 104.6072



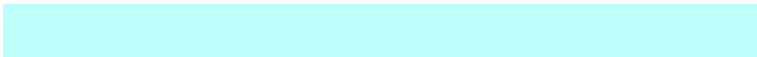
69.3919, 61.9833, 59.3463

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.



93.6323, 89.4322, 77.0238



74.4078, 89.4322, 104.6072



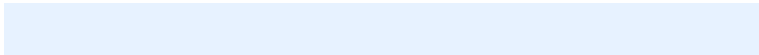
96.2858, 89.4322, 107.4408

Square

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



74.4078, 89.4322, 104.6072



87.4913, 89.4322, 132.6392



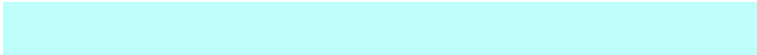
96.5583, 89.4322, 90.4869



82.5616, 89.4322, 68.9929

Rectangle

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



74.4078, 89.4322, 104.6072



79.8826, 89.4322, 129.1331



96.5583, 89.4322, 90.4869



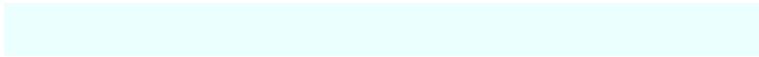
90.3369, 89.4322, 71.3063

Sweetspot

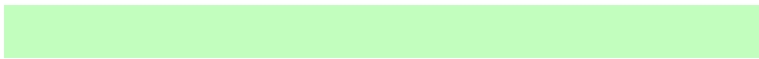
The Sweet Spot groups the original color and five complimentary colors.



74.4088, 89.4327, 104.6087



87.7376, 96.2536, 107.5066



67.3891, 86.7517, 61.9099



18.5038, 20.4610, 22.9558



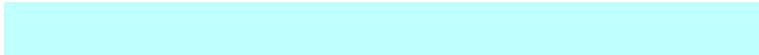
0.0000, 0.0000, 0.0000



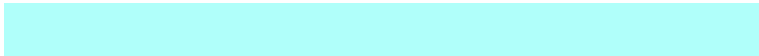
20.3446, 21.4041, 23.3091

Same Dimension

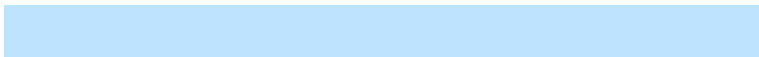
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4088, 89.4327, 104.6087



70.9301, 87.6550, 103.7361



66.7098, 73.0153, 105.1851



18.5038, 20.4610, 22.9558



26.8712, 40.6451, 49.3347



2.6304, 3.9631, 4.8775

Inverse Universe

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



69.3919, 61.9833, 59.3463



65.0768, 55.6196, 50.9211



75.6497, 75.2080, 59.2464



18.0547, 18.0052, 18.9051



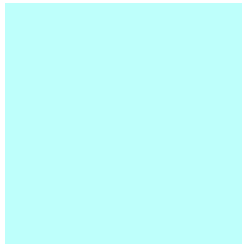
21.6137, 11.1348, 1.3504



2.1196, 1.0902, 0.2113

Previews

White Background



This preview shows how the XYZ color 74.4078, 89.4322, 104.6072 looks on a white background.

Color Contrast Check

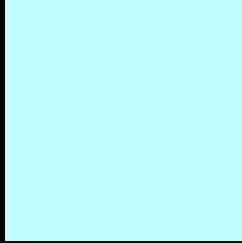
Large Text (above 18pt) WCAG AA × Fail

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 74.4078, 89.4322, 104.6072 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

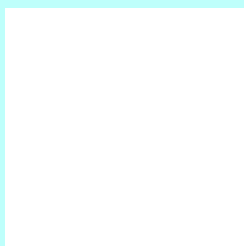
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4078, 89.4322, 104.6072

Background



This preview shows how black text looks on a background with the XYZ color 74.4078, 89.4322, 104.6072.

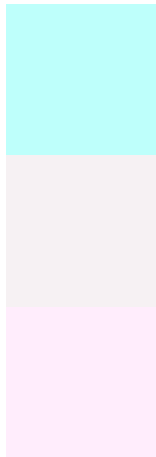


This preview shows how white text looks on a background with the XYZ color 74.4078, 89.4322,

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

74.4078, 89.4322, 104.6072

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

89.0949, 88.8566, 104.5507



Tritanopia

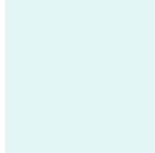
81.7462, 88.9788, 107.4739

Trichromacy



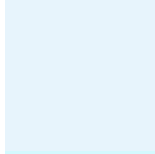
Original Color

74.4078, 89.4322, 104.6072



Protanomaly

80.9544, 88.7341, 100.0494



Deuteranomaly

82.8764, 88.7186, 104.8518



Tritanomaly

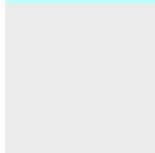
78.9165, 88.9042, 106.7668

Monochromacy



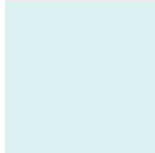
Original Color

74.4078, 89.4322, 104.6072



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.8427, 84.9152, 95.5593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4078, 89.4322, 104.6072 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 74.4078, 89.4322, 104.6072 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, 251) }
```


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

```
.border{ border-color:rgb(190, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4078, 89.4322, 104.6072 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, 251) }
```

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

```
.background{ background-color: rgb(190,  
255, 251) }
```

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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