

Converting Colors

XYZ(74.2620, 87.0016,
104.9744)

Have a look what the booklet for
XYZ(74.2620, 87.0016, 104.9744)
contains.

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Color

**XYZ(74.2620, 87.0016,
104.9744)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FAFC
RGB	195, 250, 252
RGB Percent	76%, 98%, 99%
CMY	0.2353, 0.0196, 0.0118
CMYK	0.23, 0.01, 0.00, 0.01
HSL	182°, 90%, 88%
HSV	182°, 23%, 99%
XYZ	74.2620, 87.0016, 104.9744
YIQ	233.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

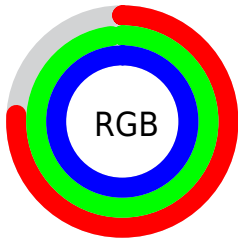
Format	Color
R _Y B	195, 223, 252
Decimal	12843772
CIE Lab	94.74, -16.81, -6.65
CIE LCh	95, 18.073, 201.584
Yxy	87.0016, 0.2789, 0.3268
Android (android.graphics.Color)	4291033852 (0xFFC3FAFC)
YUV	233.7830, 8.9810, -34.0127
Hunter-Lab	93.2746, -21.1152, -1.4347

Details

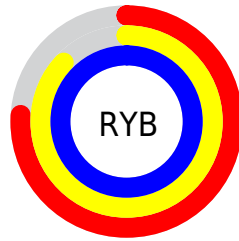
The XYZ color **74.2620, 87.0016, 104.9744** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9624, 64.5685, 60.4071**, and the grayscale version is **77.9971, 82.0590, 89.3622**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **39.7355, 47.6555, 58.7339** is the 20% darker color. If you saturate the color by 10%, you get **68.0194, 83.3793, 104.6057**, and if you desaturate by 10%, it is **81.6098, 91.2000, 105.3989**.

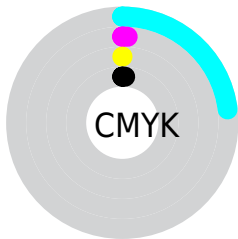
Distribution



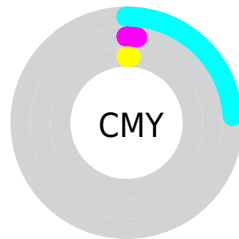
- Red (76%)
- Green (98%)
- Blue (99%)



- Red (76%)
- Yellow (87%)
- Blue (99%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (24%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2620, 87.0016, 104.9744 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 74.2620, 87.0016, 104.9744 by changing the saturation by 10% instead.

74.2620, 87.0016,
104.9744

74.2620, 87.0016,
104.9744

464.4135,
518.2281, 597.4084

55.3005, 65.4965,
79.8214

124.2606,
143.1664, 170.0878

39.8772, 47.8638,
59.0461

156.0286,
178.5949, 210.8852

27.6266, 33.7190,
42.2300

192.7960,
219.4333, 257.7346

18.1834, 22.6778,
28.9545

234.9283,
266.0660, 311.0543

11.1822, 14.3558,
18.8011

282.7908,
318.8775, 371.2630

6.2577, 8.3686,
11.3513

336.7490,

3.0446, 4.3317,

378.2521, 438.7793

6.1865

397.1681,
444.5741, 514.0215

■ 1.1774, 1.8608,
2.8882

■ 0.0884, 0.5246,
1.0378

■ 74.2620, 87.0016,
104.9744

■ 74.2620, 87.0016,
104.9744

■ 68.0194, 83.3793,
104.6057

■ 81.6098, 91.2000,
105.3989

■ 62.8191, 80.2941,
104.2843

■ 90.1064, 95.9903,
105.8757

■ 58.6039, 77.7186,
104.0093

■ 93.8269, 98.3203,
106.1294

■ 55.3078, 75.6188,
103.7777

■ 94.1057, 98.8780,
106.2223

■ 52.8568, 73.9565, 94.3859, 99.4382,
103.5861 106.3157

■ 51.1653, 72.6877, 94.5710, 99.8084,
103.4303 106.3774

■ 50.1299, 71.7591,
103.3056

■ 49.6735, 71.2335,
103.2282

Harmonies

Analogous

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



73.7443, 87.0016, 90.8471



74.2620, 87.0016, 104.9744



76.9922, 87.0016, 117.4091

Triad

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



74.2620, 87.0016, 104.9744



90.2725, 87.0016, 112.4476



84.0748, 87.0016, 70.5329

Complementary

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



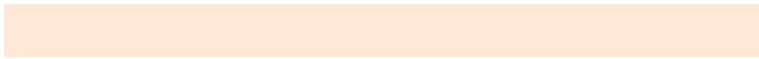
74.2620, 87.0016, 104.9744



69.9624, 64.5685, 60.4071

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.



88.6673, 87.0016, 75.1772



74.2620, 87.0016, 104.9744



92.3366, 87.0016, 98.7219

Square

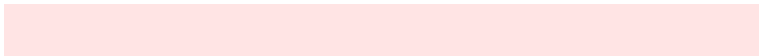
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2620, 87.0016, 104.9744



86.1961, 87.0016, 122.0108



91.7379, 87.0016, 85.1747



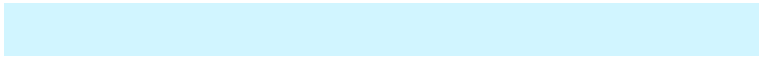
79.2850, 87.0016, 71.8527

Rectangle

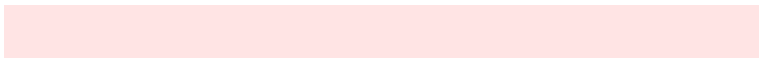
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2620, 87.0016, 104.9744



79.7604, 87.0016, 122.6139



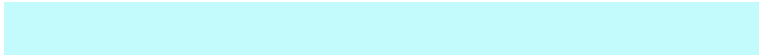
91.7379, 87.0016, 85.1747



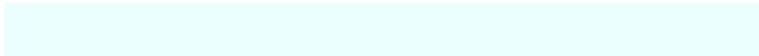
85.6954, 87.0016, 71.4305

Sweetspot

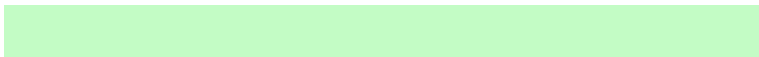
The Sweet Spot groups the original color and five complimentary colors.



74.2645, 87.0051, 104.9764



88.5860, 96.3720, 108.5404



67.3843, 85.2511, 65.6686



18.8478, 20.5637, 23.2258



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

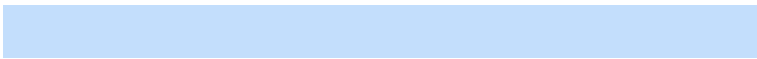
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2645, 87.0051, 104.9764



73.3315, 87.6686, 107.6645



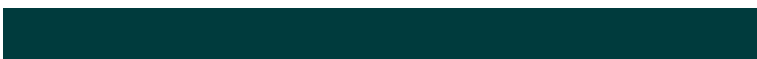
66.0932, 70.6625, 102.2526



17.7106, 19.4981, 22.2154



25.8990, 37.1536, 53.7799



2.4145, 3.4728, 4.9862

Inverse Universe

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



76.9174, 66.6298, 99.2533



76.4946, 63.5067, 100.8111



77.0303, 78.7042, 62.7631



17.9652, 17.5135, 21.6726



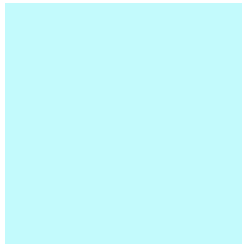
29.3647, 14.1616, 45.4902



2.7277, 1.3148, 4.2553

Previews

White Background



This preview shows how the XYZ color 74.2620, 87.0016, 104.9744 looks on a white background.

Color Contrast Check

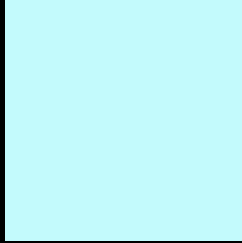
Large Text (above 18pt) WCAG AA × Fail

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 74.2620, 87.0016, 104.9744 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

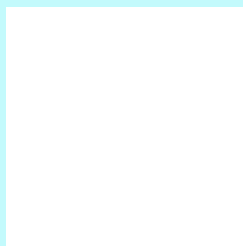
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2620, 87.0016, 104.9744

Background



This preview shows how black text looks on a background with the XYZ color 74.2620, 87.0016, 104.9744.

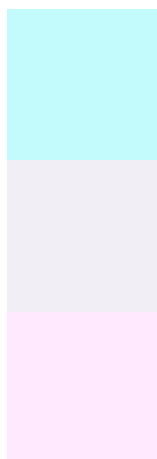


This preview shows how white text looks on a background with the XYZ color 74.2620, 87.0016,

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

74.2620, 87.0016, 104.9744

Protanopia

83.6739, 86.6189, 98.6952

Deuteranopia

88.0620, 86.5687, 106.6758



Tritanopia

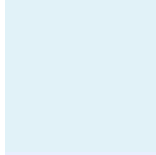
79.3141, 86.8268, 107.1867

Trichromacy



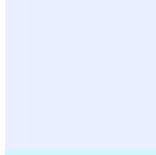
Original Color

74.2620, 87.0016, 104.9744



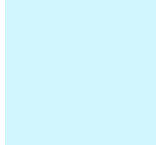
Protanomaly

79.7467, 86.2891, 101.2593



Deuteranomaly

82.3602, 86.2124, 106.0657



Tritanomaly

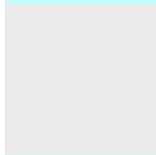
77.4235, 86.7689, 106.4334

Monochromacy



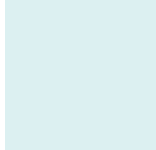
Original Color

74.2620, 87.0016, 104.9744



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.5525, 83.8867, 95.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2620, 87.0016, 104.9744 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(195, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 250, 252)  
}
```

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(195, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 250, 252) }
```

Border

The CSS property to change the border of an element to XYZ 74.2620, 87.0016, 104.9744 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(195, 250, 252) }
```


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

```
.border{ border-color:rgb(195, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(195, 250,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2620, 87.0016, 104.9744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 250, 252) }
```

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

```
.background{ background-color: rgb(195,  
250, 252) }
```

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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