

Converting Colors

XYZ(74.2663, 87.1081,
100.7359)

Have a look what the booklet for
XYZ(74.2663, 87.1081, 100.7359)
contains.

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Color

**XYZ(74.2628, 87.0924,
100.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FAF7
RGB	198, 250, 247
RGB Percent	78%, 98%, 97%
CMY	0.2235, 0.0196, 0.0314
CMYK	0.21, 0.00, 0.01, 0.02
HSL	177°, 84%, 88%
HSV	177°, 21%, 98%
XYZ	74.2628, 87.0924, 100.8921
YIQ	234.1100, -30.0290, -11.9570

Conversions

Conversions Part 2

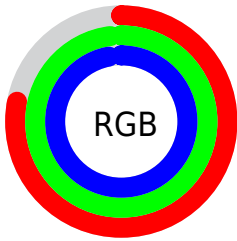
Format	Color
RYB	198, 225, 250
Decimal	13040375
CIELab	94.78, -16.97, -3.99
CIELCh	95, 17.432, 193.221
Yxy	87.0924, 0.2832, 0.3321
Android (android.graphics.Color)	4291230455 (0xFFC6FAF7)
YUV	234.1100, 6.3548, -31.6685
Hunter-Lab	93.3233, -21.2729, 1.2277

Details

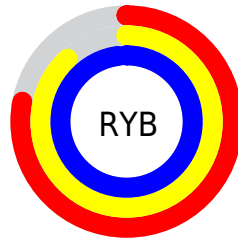
The XYZ color **74.2628, 87.0924, 100.8921** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1641, 64.9316, 64.0970**, and the grayscale version is **78.2617, 82.3375, 89.6655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8016, 47.7412, 56.4074** is the 20% darker color. If you saturate the color by 10%, you get **67.9880, 83.8855, 99.4415**, and if you desaturate by 10%, it is **81.6321, 90.8678, 102.4066**.

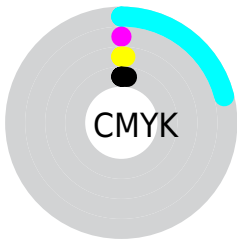
Distribution



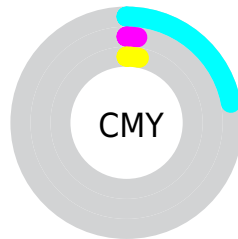
- Red (78%)
- Green (98%)
- Blue (97%)



- Red (78%)
- Yellow (88%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





- Cyan (22%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2628, 87.0924, 100.8921 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 74.2628, 87.0924, 100.8921 by changing the saturation by 10% instead.


 74.2628, 87.0924,
100.8921

 74.2628, 87.0924,
100.8921


464.4162,
518.5264, 584.3201

 55.3012, 65.5717,
76.4247


124.2618,
143.2929, 164.4451

 39.8777, 47.9248,
56.2721


156.0299,
178.7415, 204.3679

 27.6270, 33.7673,
40.0157


192.7975,
219.6015, 250.2796

 18.1837, 22.7149,
27.2369

234.9300,
266.2573, 302.5987

 11.1824, 14.3831,
17.5172

282.7928,
319.0933, 361.7437

 6.2579, 8.3876,
10.4381

336.7512,

 3.0447, 4.3440,

378.4939, 428.1333

5.5810

397.1705,
444.8435, 502.1859

■ 1.1774, 1.8678,
2.5274

■ 0.0884, 0.5289,
0.8546

■ 74.2628, 87.0924,
100.8921

■ 74.2628, 87.0924,
100.8921

■ 67.9880, 83.8855,
99.4415

■ 81.6321, 90.8678,
102.4066

■ 62.7466, 81.2090,
98.0465


■ 90.1378, 95.2267,
103.9814


■ 58.4836, 79.0365,
96.7062

■ 92.8924, 96.6204,
105.2962


■ 55.1352, 77.3355,
95.4176


■ 93.1213, 96.7120,
106.5018


 52.6307, 76.0692,
94.1775

 93.3520, 96.8043,
107.7166

 50.8885, 75.1957,
92.9820

 93.4772, 96.8543,
108.3757

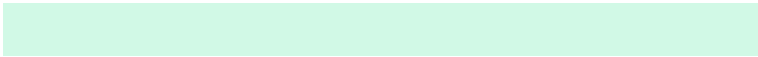
 49.8112, 74.6648,
91.8264

 49.2645, 74.4053,
90.7920

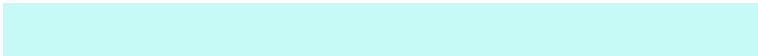
Harmonies

Analogous

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



74.3984, 87.0924, 87.5291



74.2628, 87.0924, 100.8921



76.3463, 87.0924, 113.7445

Triad

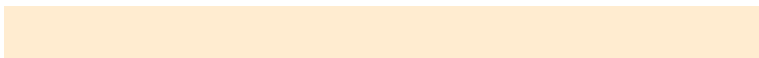
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2628, 87.0924, 100.8921



89.1439, 87.0924, 115.0361



85.4236, 87.0924, 72.0784

Complementary

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



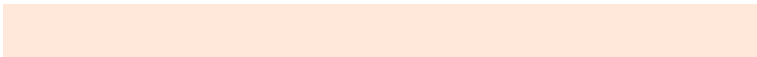
74.2628, 87.0924, 100.8921



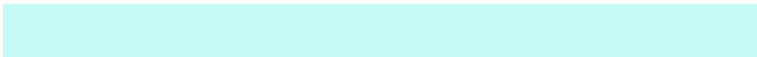
70.1641, 64.9316, 64.0970

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.



89.5627, 87.0924, 78.1359



74.2628, 87.0924, 100.8921



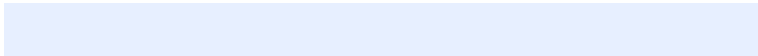
91.7658, 87.0924, 102.5235

Square

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



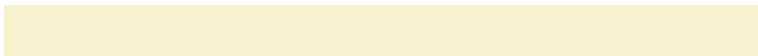
74.2628, 87.0924, 100.8921



84.8696, 87.0924, 122.4178



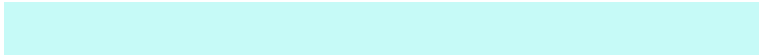
91.9220, 87.0924, 89.0135



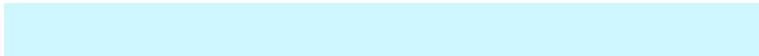
80.7224, 87.0924, 71.7315

Rectangle

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



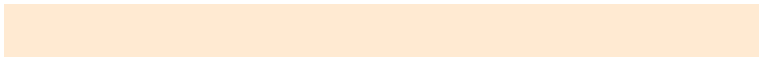
74.2628, 87.0924, 100.8921



78.7608, 87.0924, 119.9490



91.9220, 87.0924, 89.0135



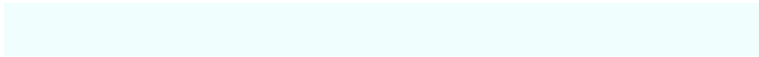
86.9310, 87.0924, 73.4861

Sweetspot

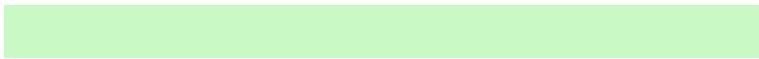
The Sweet Spot groups the original color and five complimentary colors.



74.2653, 87.0960, 100.8941



89.5014, 97.1560, 107.8994



68.5943, 84.9343, 66.2063



19.0334, 20.7321, 23.0719



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

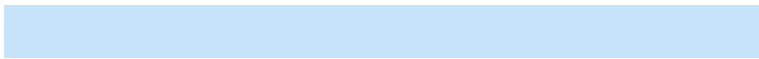
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2653, 87.0960, 100.8941



74.7716, 89.6139, 104.8863



68.1435, 74.1045, 101.1587



17.7200, 19.5903, 21.9919



26.1491, 39.4727, 48.2560



2.4347, 3.6610, 4.5368

Inverse Universe

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



70.1641, 64.9316, 64.0970



69.7680, 62.5678, 59.9890



75.3539, 75.8710, 64.1006



17.2852, 17.2415, 18.0919



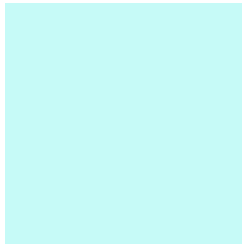
20.9717, 10.8044, 1.2937



1.9562, 1.0062, 0.1926

Previews

White Background



This preview shows how the XYZ color 74.2628, 87.0924, 100.8921 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 74.2628, 87.0924, 100.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

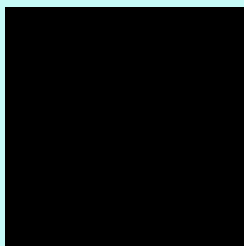
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

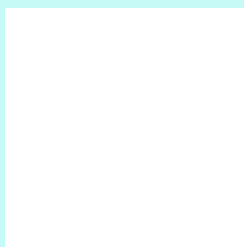
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2628, 87.0924, 100.8921

Background



This preview shows how black text looks on a background with the XYZ color 74.2628, 87.0924, 100.8921.

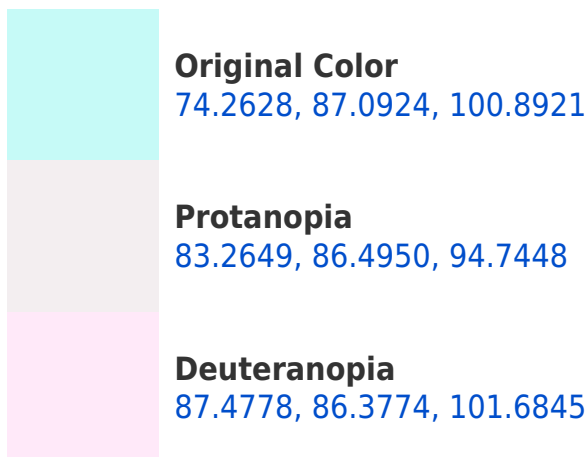


This preview shows how white text looks on a background with the XYZ color 74.2628, 87.0924,

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

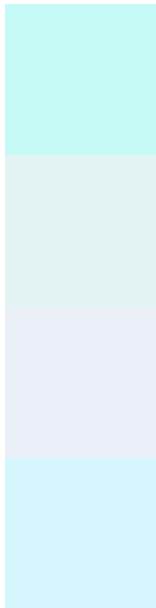




Tritanopia

79.9159, 87.1370, 107.2148

Trichromacy



Original Color

74.2628, 87.0924, 100.8921

Protanomaly

79.6083, 86.3062, 97.2570

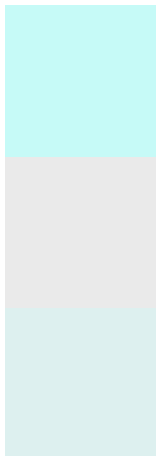
Deuteranomaly

81.7415, 86.0027, 101.0989

Tritanomaly

77.6778, 86.9369, 104.7819

Monochromacy



Original Color

74.2628, 87.0924, 100.8921

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.5589, 83.9243, 93.8253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2628, 87.0924, 100.8921 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(198, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(198, 250, 247)  
}
```

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(198, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.2628, 87.0924, 100.8921 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(198, 250, 247) }
```


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

```
.border{ border-color:rgb(198, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(198, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2628, 87.0924, 100.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 250, 247) }
```

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

```
.background{ background-color: rgb(198,  
250, 247) }
```

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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