

Converting Colors

XYZ(78.5962, 88.4967,
104.0286)

Have a look what the booklet for
XYZ(78.5962, 88.4967, 104.0286)
contains.

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Color

**XYZ(78.4206, 88.2460,
104.1668)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D5F8FB |
| RGB | 213, 248, 251 |
| RGB Percent | 84%, 97%, 98% |
| CMY | 0.1647, 0.0274, 0.0157 |
| CMYK | 0.15, 0.01, 0.00, 0.02 |
| HSL | 185°, 83%, 91% |
| HSV | 185°, 15%, 98% |
| XYZ | 78.4206, 88.2460, 104.1668 |
| YIQ | 237.8770, -21.8230, -6.4870 |

Conversions

Conversions Part 2

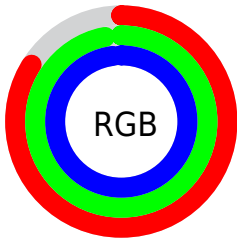
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 231, 251 |
| Decimal | 14022907 |
| CIE Lab | 95.26, -10.63, -5.23 |
| CIE LCh | 95, 11.849, 206.216 |
| Yxy | 88.2460, 0.2896, 0.3258 |
| Android (android.graphics.Color) | 4292212987 (0xFFD5F8FB) |
| YUV | 237.8770, 6.4696, -21.8171 |
| Hunter-Lab | 93.9393, -15.3820, 0.0125 |

Details

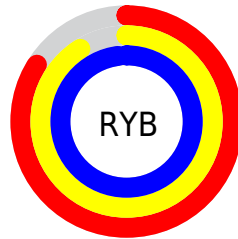
The XYZ color **78.4206, 88.2460, 104.1668** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3505, 74.4250, 73.2938**, and the grayscale version is **81.1386, 85.3642, 92.9616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8005, 48.9085, 58.8142** is the 20% darker color. If you saturate the color by 10%, you get **71.0915, 83.5714, 103.6522**, and if you desaturate by 10%, it is **86.8880, 93.5217, 104.7402**.

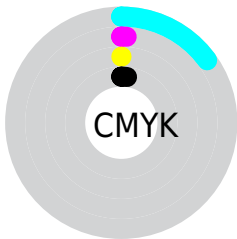
Distribution



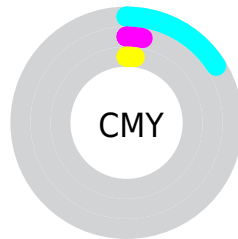
- Red (84%)
- Green (97%)
- Blue (98%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4206, 88.2460, 104.1668 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 78.4206, 88.2460, 104.1668 by changing the saturation by 10% instead.

78.4206, 88.2460,
104.1668

78.4206, 88.2460,
104.1668

478.4120,
522.3085, 594.8312

58.7235, 66.5268,
79.1487

130.1051,
144.8996, 168.9733

42.6361, 48.7002,
58.4961

162.8232,
180.6028, 209.5987

29.7930, 34.3817,
41.7902

200.6125,
221.7361, 256.2638

19.8288, 23.1870,
28.6127

243.8381,
268.6840, 309.3869

12.3782, 14.7316,
18.5450

292.8655,
321.8307, 369.3867

7.0758, 8.6313,
11.1685

348.0601,

3.5563, 4.5015,

381.5608, 436.6816

6.0647

409.7871,
448.2586, 511.6903

■ 1.4543, 1.9578,
2.8150

■ 0.2944, 0.5828,
1.0010

■ 78.4206, 88.2460,
104.1668

■ 78.4206, 88.2460,
104.1668

■ 71.0915, 83.5714,
103.6522

■ 86.8880, 93.5217,
104.7402

■ 64.8413, 79.4602,
103.1881

■ 93.4519, 97.8233,
105.2246

■ 59.6170, 75.8873,
102.7738

■ 94.0767, 99.0727,
105.4328

■ 55.3577, 72.8214,
102.4065

■ 94.4129, 99.7451,
105.5449

■ 51.9965, 70.2279,
102.0831

■ 49.4574, 68.0676,
101.7999

■ 47.6521, 66.2950,
101.5529

■ 46.4719, 64.8540,
101.3370

■ 46.0471, 64.2336,
101.2396

Harmonies

Analogous

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



77.8236, 88.2460, 94.9148



78.4206, 88.2460, 104.1668



80.4656, 88.2460, 111.6556

Triad

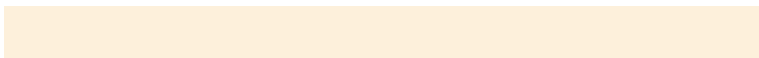
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4206, 88.2460, 104.1668



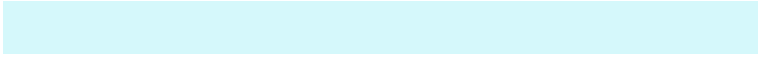
89.1491, 88.2460, 106.3291



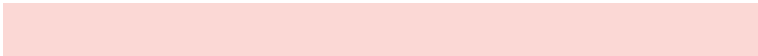
84.2861, 88.2460, 79.3917

Complementary

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



78.4206, 88.2460, 104.1668



76.3505, 74.4250, 73.2938

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.



87.3798, 88.2460, 82.0335



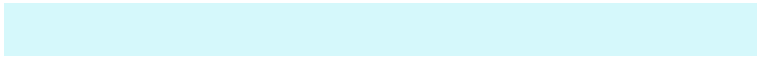
78.4206, 88.2460, 104.1668



90.2326, 88.2460, 97.2646

Square

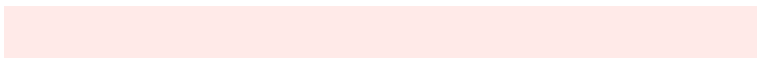
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4206, 88.2460, 104.1668



86.6516, 88.2460, 112.9593



89.5770, 88.2460, 88.4322



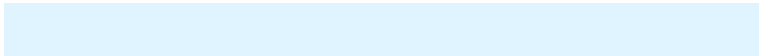
81.1587, 88.2460, 80.9807

Rectangle

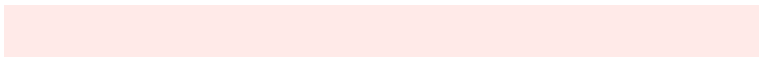
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



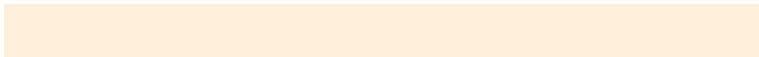
78.4206, 88.2460, 104.1668



82.4027, 88.2460, 114.4346



89.5770, 88.2460, 88.4322



85.3651, 88.2460, 79.8097

Sweetspot

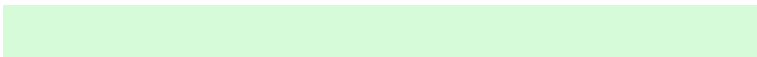
The Sweet Spot groups the original color and five complimentary colors.



78.4232, 88.2497, 104.1688



90.1939, 97.0217, 108.5811



74.2737, 88.0758, 77.7372



19.1644, 20.6798, 23.2315



0.0000, 0.0000, 0.0000



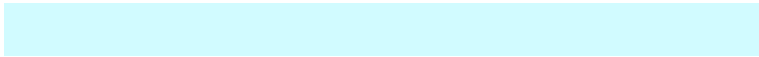
20.3446, 21.4041, 23.3091

Same Dimension

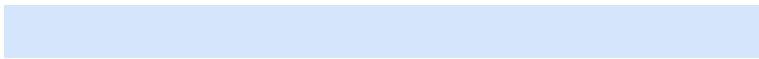
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4232, 88.2497, 104.1688



78.9889, 90.0222, 107.8206



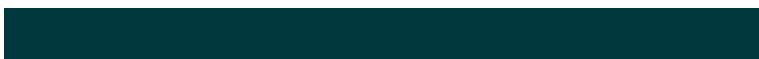
73.0034, 77.4101, 102.3622



17.6418, 19.3605, 22.1924



24.2540, 33.8635, 53.2315



2.2801, 3.2038, 4.9414

Inverse Universe

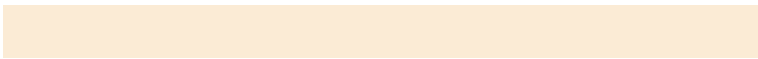
The Inverse Universe completely reimagines the original color for something new.



80.5233, 74.8769, 99.0198



81.5376, 73.8991, 101.5480



81.3703, 84.4647, 74.9671



17.9305, 17.4996, 21.4898



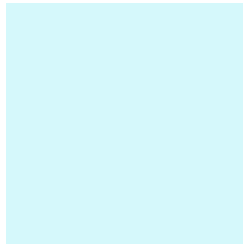
28.5343, 13.8294, 41.1176



2.6598, 1.2877, 3.8979

Previews

White Background



This preview shows how the XYZ color 78.4206, 88.2460, 104.1668 looks on a white background.

Color Contrast Check

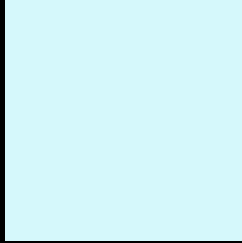
Large Text (above 18pt) WCAG AA × Fail

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 78.4206, 88.2460, 104.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

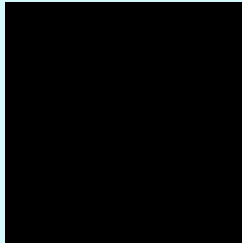
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4206, 88.2460, 104.1668

Background



This preview shows how black text looks on a background with the XYZ color 78.4206, 88.2460, 104.1668.



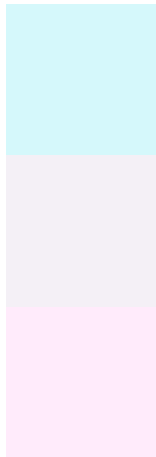
This preview shows how white text looks on a background with the XYZ color 78.4206, 88.2460,

104.1668.

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

78.4206, 88.2460, 104.1668

Protanopia

85.1029, 88.2071, 99.7290

Deuteranopia

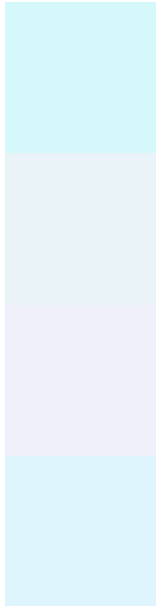
88.3609, 87.6417, 103.5262



Tritanopia

82.0792, 88.2523, 107.3161

Trichromacy



Original Color

78.4206, 88.2460, 104.1668

Protanomaly

82.5981, 88.2021, 101.4783

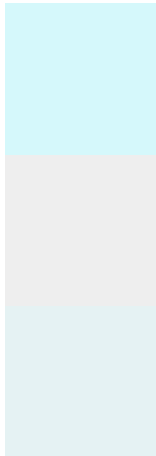
Deuteranomaly

84.5079, 87.8105, 103.7619

Tritanomaly

80.6660, 87.9902, 106.4982

Monochromacy



Original Color

78.4206, 88.2460, 104.1668

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.2429, 86.6333, 97.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4206, 88.2460, 104.1668 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(213, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 248, 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(213, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 248, 251) }
```

Border

The CSS property to change the border of an element to XYZ 78.4206, 88.2460, 104.1668 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(213, 248, 251) }
```


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

```
.border{ border-color:rgb(213, 248, 251) }
```

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

Here you see how a box with a 4 pixel rgb(213, 248, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 248,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4206, 88.2460, 104.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 248, 251) }
```

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

```
.background{ background-color: rgb(213,  
248, 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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