

Converting Colors

XYZ(78.3076, 85.3029,
102.7399)

Have a look what the booklet for
XYZ(78.3076, 85.3029, 102.7399)
contains.

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Color

**XYZ(78.5226, 85.6220,
102.8306)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF2FA
RGB	220, 242, 250
RGB Percent	86%, 95%, 98%
CMY	0.1372, 0.0510, 0.0196
CMYK	0.12, 0.03, 0.00, 0.02
HSL	196°, 75%, 92%
HSV	196°, 12%, 98%
XYZ	78.5226, 85.6220, 102.8306
YIQ	236.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

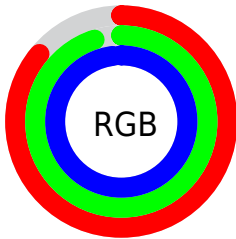
Format	Color
R _Y B	220, 233, 250
Decimal	14480122
CIE Lab	94.15, -5.63, -6.31
CIE LCh	94, 8.453, 228.277
Yxy	85.6220, 0.2941, 0.3207
Android (android.graphics.Color)	4292670202 (0xFFDC F2FA)
YUV	236.3340, 6.7373, -14.3249
Hunter-Lab	92.5322, -10.4565, -1.1162

Details

The XYZ color **78.5226, 85.6220, 102.8306** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.0865, 80.9777, 79.1208**, and the grayscale version is **79.9453, 84.1087, 91.5943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8136, 47.0122, 57.8567** is the 20% darker color. If you saturate the color by 10%, you get **69.5679, 78.1169, 101.8553**, and if you desaturate by 10%, it is **88.6860, 93.8621, 103.8868**.

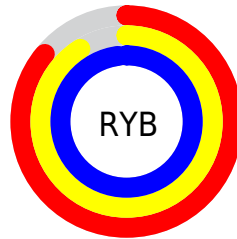
Distribution



Red (86%)

Green (95%)

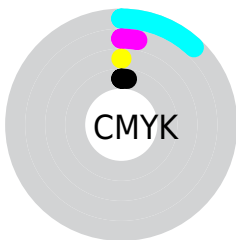
Blue (98%)



Red (86%)

Yellow (91%)

Blue (98%)

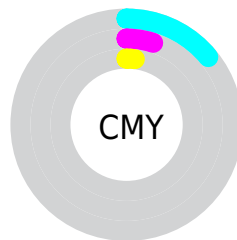


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (5%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5226, 85.6220, 102.8306 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 78.5226, 85.6220, 102.8306 by changing the saturation by 10% instead.

■ 78.5226, 85.6220,
102.8306

■ 78.5226, 85.6220,
102.8306

478.7525,
513.6840, 590.5542

■ 58.8076, 64.3554,
78.0366

130.2480,
141.2419, 167.1274

■ 42.7041, 46.9386,
57.5874

162.9892,
176.3640, 207.4672

■ 29.8465, 32.9871,
41.0645

200.8032,
216.8734, 253.8260

■ 19.8696, 22.1166,
28.0494

244.0554,
263.1545, 306.6224

■ 12.4080, 13.9426,
18.1236

293.1110,
315.5918, 366.2749

■ 7.0964, 8.0807,
10.8684

348.3355,

■ 3.5693, 4.1467,

374.5695, 433.2020

5.8653

410.0942,
440.4721, 507.8222

■ 1.4615, 1.7559,
2.6959

■ 0.2994, 0.4595,
0.9414

■ 78.5226, 85.6220,
102.8306

■ 78.5226, 85.6220,
102.8306

■ 69.5679, 78.1169,
101.8553

■ 88.6860, 93.8621,
103.8868

■ 61.7637, 71.3088,
100.9525

■ 94.2556, 99.6822,
104.7166

■ 55.0579, 65.1720,
100.1214

■ 49.3912, 59.6747,
99.3590

■ 44.6986, 54.7823,
98.6620

■ 40.9072, 50.4559,
98.0268

■ 37.9334, 46.6512,
97.4491

■ 35.6761, 43.3150,
96.9241

■ 34.2641, 40.9194,
96.5362

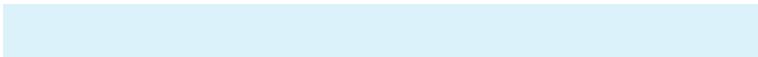
Harmonies

Analogous

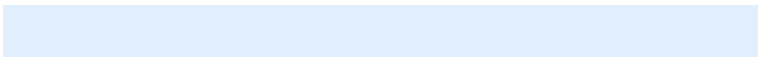
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3234, 85.6220, 97.1864



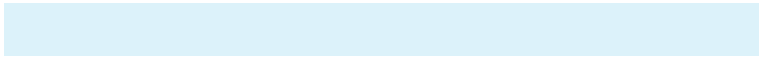
78.5226, 85.6220, 102.8306



80.5012, 85.6220, 105.9549

Triad

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



78.5226, 85.6220, 102.8306



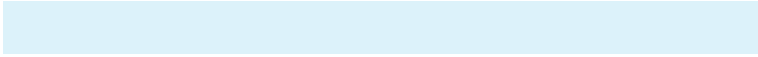
85.7115, 85.6220, 95.7799



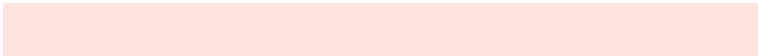
80.0256, 85.6220, 81.9004

Complementary

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



78.5226, 85.6220, 102.8306



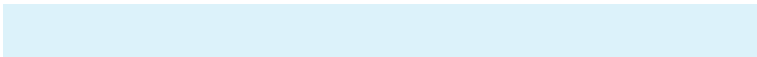
80.0865, 80.9777, 79.1208

Split Complementary

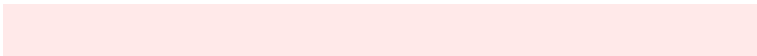
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2674, 85.6220, 81.5630



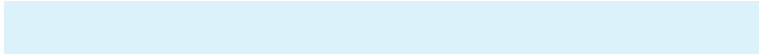
78.5226, 85.6220, 102.8306



85.5785, 85.6220, 89.3782

Square

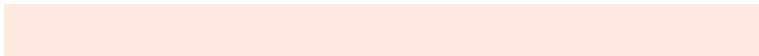
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5226, 85.6220, 102.8306



84.6685, 85.6220, 101.7600



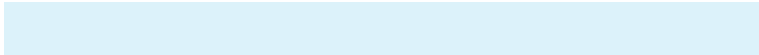
84.3082, 85.6220, 84.2423



78.1800, 85.6220, 85.1863

Rectangle

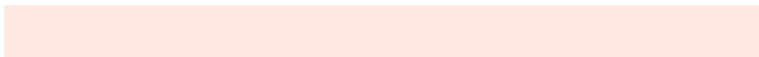
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



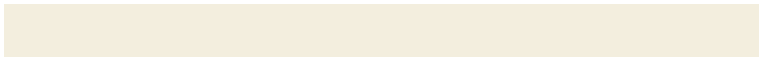
78.5226, 85.6220, 102.8306



82.0085, 85.6220, 106.0965



84.3082, 85.6220, 84.2423



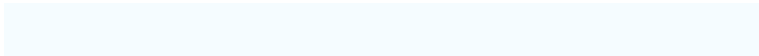
80.7570, 85.6220, 81.4442

Sweetspot

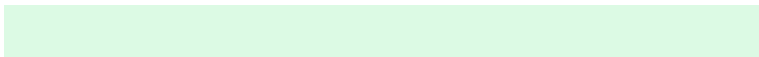
The Sweet Spot groups the original color and five complimentary colors.



78.5251, 85.6256, 102.8325



90.5352, 96.3941, 108.4419



77.6365, 89.1620, 86.1549



19.2015, 20.4902, 23.1929



0.0000, 0.0000, 0.0000



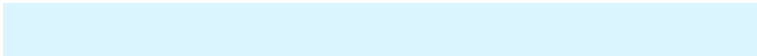
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5251, 85.6256, 102.8325



80.1528, 87.9248, 107.3544



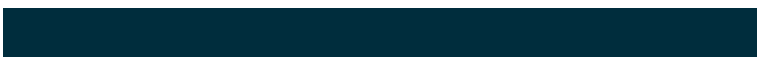
74.3780, 77.3314, 101.4501



17.3515, 18.7799, 22.0956



18.2990, 21.9536, 51.2466



1.7818, 2.2072, 4.7753

Inverse Universe

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



81.0465, 77.9229, 94.7775



83.2053, 78.7019, 97.5798



84.2452, 89.2951, 80.5071



17.7840, 17.4409, 20.7181



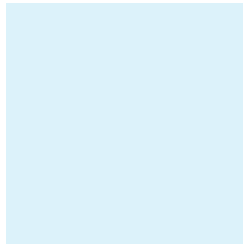
25.5285, 12.6271, 25.2894



2.4083, 1.1871, 2.5734

Previews

White Background



This preview shows how the XYZ color 78.5226, 85.6220, 102.8306 looks on a white background.

Color Contrast Check

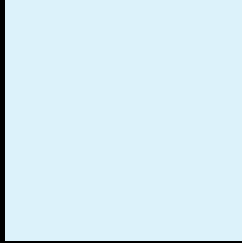
Large Text (above 18pt) WCAG AA × Fail

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 78.5226, 85.6220, 102.8306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

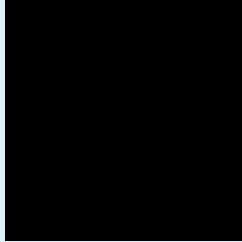
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

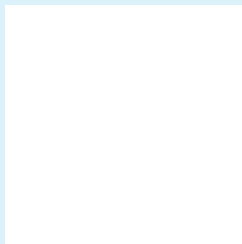
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5226, 85.6220, 102.8306

Background



This preview shows how black text looks on a background with the XYZ color 78.5226, 85.6220, 102.8306.

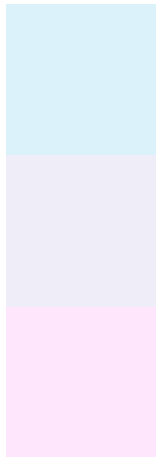


This preview shows how white text looks on a background with the XYZ color 78.5226, 85.6220,

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

78.5226, 85.6220, 102.8306

Protanopia

82.6693, 85.6345, 100.1677

Deuteranopia

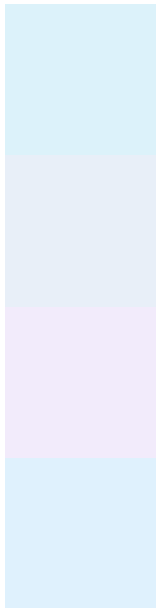
87.0197, 85.2509, 103.9641



Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



Original Color

78.5226, 85.6220, 102.8306

Protanomaly

81.0885, 85.6661, 101.0683

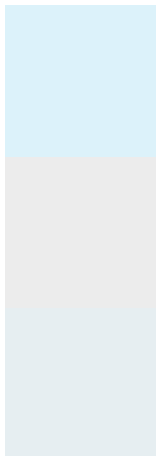
Deuteranomaly

83.7389, 85.2589, 103.3099

Tritanomaly

79.6163, 85.6904, 105.2722

Monochromacy



Original Color

78.5226, 85.6220, 102.8306

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.0848, 84.3229, 95.3268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5226, 85.6220, 102.8306 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(220, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(220, 242, 250)  
}
```

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(220, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.5226, 85.6220, 102.8306 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(220, 242, 250) }
```


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

```
.border{ border-color:rgb(220, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5226, 85.6220, 102.8306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 250) }
```

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

```
.background{ background-color: rgb(220,  
242, 250) }
```

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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