

Converting Colors

XYZ(73.9788, 78.0629,
105.7763)

Have a look what the booklet for
XYZ(73.9788, 78.0629, 105.7763)
contains.

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Color

**XYZ(74.0784, 78.1098,
105.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6FF
RGB	214, 230, 255
RGB Percent	84%, 90%, 100%
CMY	0.1608, 0.0980, 0.0000
CMYK	0.16, 0.10, 0.00, 0.00
HSL	217°, 100%, 92%
HSV	217°, 16%, 100%
XYZ	74.0784, 78.1098, 105.7801
YIQ	228.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

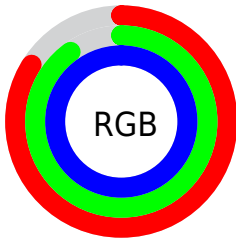
Format	Color
R_{YB}	214, 226, 255
Decimal	14083839
CIE _{Lab}	90.83, -0.34, -13.89
CIE _{LCh}	91, 13.896, 268.613
Yxy	78.1098, 0.2872, 0.3028
Android (android.graphics.Color)	4292273919 (0xFFD6E6FF)
YUV	228.0660, 13.2785, -12.3359
Hunter-Lab	88.3797, -5.0489, -9.0973

Details

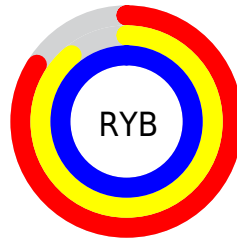
The XYZ color **74.0784, 78.1098, 105.7801** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2437, 87.8467, 76.1360**, and the grayscale version is **73.7081, 77.5466, 84.4483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8211, 42.1081, 59.4550** is the 20% darker color. If you saturate the color by 10%, you get **63.0758, 66.3008, 104.0806**, and if you desaturate by 10%, it is **86.6361, 91.2974, 107.6637**.

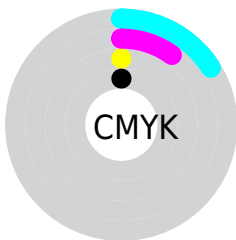
Distribution



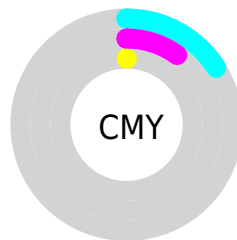
- Red (84%)
- Green (90%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0784, 78.1098, 105.7801 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 74.0784, 78.1098, 105.7801 by changing the saturation by 10% instead.

■ 74.0784, 78.1098,
105.7801

■ 74.0784, 78.1098,
105.7801

463.7900,
488.5396, 599.9737

■ 55.1497, 58.1642,
80.4928

124.0018,
130.7049, 171.1988

■ 39.7559, 41.9407,
59.5954

155.7273,
164.1232, 212.1673

■ 27.5317, 29.0548,
42.6694

192.4491,
202.8011, 259.1999

■ 18.1116, 19.1223,
29.2963

234.5325,
247.1231, 312.7152

■ 11.1303, 11.7587,
19.0576

282.3430,
297.4736, 373.1317

■ 6.2225, 6.5796,
11.5347

336.2458,

■ 3.0228, 3.2006,

354.2369, 440.8679

6.3090

396.6064,
417.7974, 516.3424

■ 1.1658, 1.2373,
2.9621

■ 0.0791, 0.0919,
1.0753

■ 74.0784, 78.1098,
105.7801

■ 74.0784, 78.1098,
105.7801

■ 63.0758, 66.3008,
104.0806

■ 86.6361, 91.2974,
107.6637

■ 53.5579, 55.8130,
102.5579

95.0500, 100.0000,
108.9000

■ 45.4580, 46.5987,
101.2063

■ 38.7015, 38.6032,
100.0191

■ 33.2066, 31.7672,
98.9892

■ 28.8813, 26.0254,
98.1089

■ 25.6194, 21.3043,
97.3696

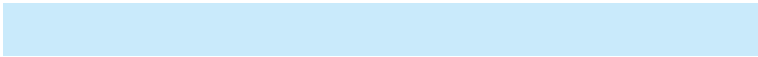
■ 23.2914, 17.5169,
96.7612

■ 22.5626, 16.2451,
96.5542

Harmonies

Analogous

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



70.7951, 78.1098, 102.5620



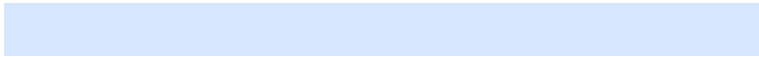
74.0784, 78.1098, 105.7801



77.5065, 78.1098, 103.0910

Triad

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



74.0784, 78.1098, 105.7801



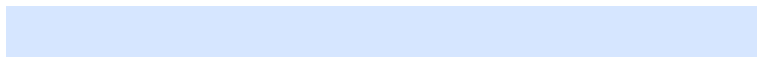
80.2993, 78.1098, 76.1590



68.6498, 78.1098, 75.4115

Complementary

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



74.0784, 78.1098, 105.7801



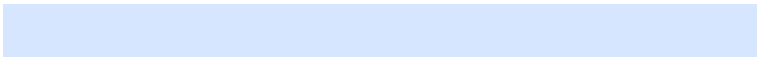
84.2437, 87.8467, 76.1360

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.



71.0685, 78.1098, 69.2441



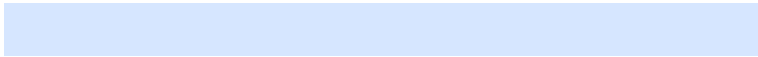
74.0784, 78.1098, 105.7801



77.7970, 78.1098, 69.6513

Square

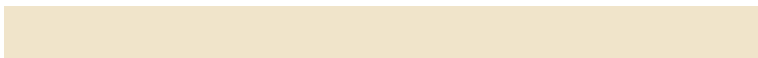
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0784, 78.1098, 105.7801



81.1652, 78.1098, 85.5152



74.4039, 78.1098, 67.2194



67.7223, 78.1098, 84.5831

Rectangle

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



74.0784, 78.1098, 105.7801



79.3988, 78.1098, 98.4204



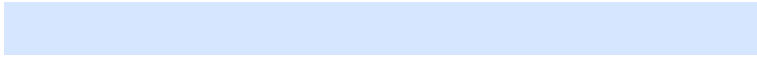
74.4039, 78.1098, 67.2194



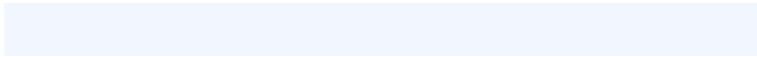
69.3116, 78.1098, 72.9458

Sweetspot

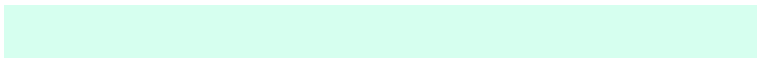
The Sweet Spot groups the original color and five complimentary colors.



74.0805, 78.1129, 105.7806



88.0840, 92.8018, 107.8778



79.0134, 92.0250, 94.9508



18.6510, 19.6530, 23.0603



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.



74.0805, 78.1129, 105.7806



70.7067, 74.5209, 105.2651



71.0413, 70.2356, 104.4203



17.5845, 18.5406, 22.9018



11.9239, 8.7574, 50.4965



1.2635, 1.0576, 4.9508

Inverse Universe

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



79.5708, 75.0679, 85.1623



77.0976, 71.1294, 81.2305



87.6457, 96.8659, 77.6976



18.3029, 18.1045, 20.2123



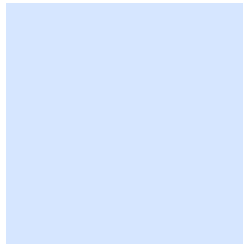
22.8068, 11.6120, 7.6333



2.2723, 1.1513, 1.0156

Previews

White Background



This preview shows how the XYZ color 74.0784, 78.1098, 105.7801 looks on a white background.

Color Contrast Check

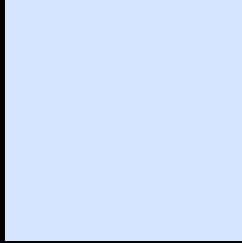
Large Text (above 18pt) WCAG AA × Fail

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 74.0784, 78.1098, 105.7801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

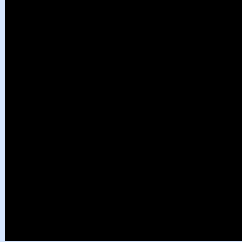
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

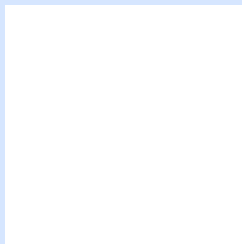
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0784, 78.1098, 105.7801

Background



This preview shows how black text looks on a background with the XYZ color 74.0784, 78.1098, 105.7801.



This preview shows how white text looks on a background with the XYZ color 74.0784, 78.1098,

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

74.0784, 78.1098, 105.7801

Protanopia

76.2500, 78.0376, 103.9725

Deuteranopia

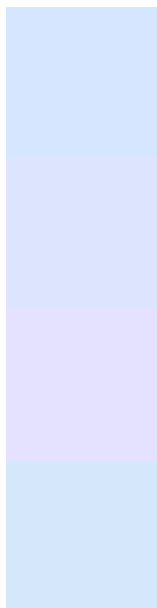
79.3627, 77.9999, 105.4804



Tritanopia

73.1154, 78.1375, 100.8510

Trichromacy



Original Color

74.0784, 78.1098, 105.7801

Protanomaly

75.4516, 78.0147, 104.8476

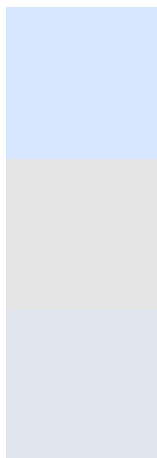
Deuteranomaly

77.5595, 78.2707, 105.6277

Tritanomaly

73.4291, 78.2630, 102.5029

Monochromacy



Original Color

74.0784, 78.1098, 105.7801

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8834, 77.8996, 92.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0784, 78.1098, 105.7801 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(214, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 255)  
}
```

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(214, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0784, 78.1098, 105.7801 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(214, 230, 255) }
```


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

```
.border{ border-color:rgb(214, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0784, 78.1098, 105.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 255) }
```

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

```
.background{ background-color: rgb(214,  
230, 255) }
```

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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