

Converting Colors

XYZ(74.4300, 82.9330, 92.5133)

Have a look what the booklet for
XYZ(74.4300, 82.9330, 92.5133)
contains.

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Color

**XYZ(74.1777, 82.7307,
92.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0ED
RGB	214, 240, 237
RGB Percent	84%, 94%, 93%
CMY	0.1608, 0.0588, 0.0706
CMYK	0.11, 0.00, 0.01, 0.06
HSL	173°, 46%, 89%
HSV	173°, 11%, 94%
XYZ	74.1777, 82.7307, 92.1798
YIQ	231.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

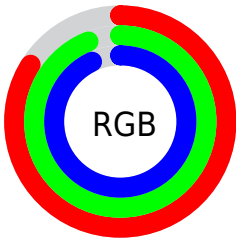
Format	Color
R _Y B	214, 228, 240
Decimal	14086381
CIE Lab	92.90, -9.04, -1.45
CIE LCh	93, 9.153, 189.102
Yxy	82.7307, 0.2978, 0.3321
Android (android.graphics.Color)	4292276461 (0xFFD6F0ED)
YUV	231.8840, 2.5222, -15.6843
Hunter-Lab	90.9564, -13.6016, 3.5820

Details

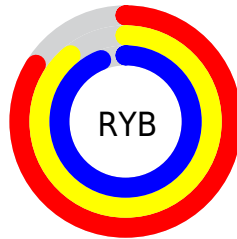
The XYZ color **74.1777, 82.7307, 92.1798** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5091, 71.6304, 75.6538**, and the grayscale version is **76.6064, 80.5959, 87.7690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7791, 44.9881, 50.3031** is the 20% darker color. If you saturate the color by 10%, you get **67.2815, 79.2243, 89.7606**, and if you desaturate by 10%, it is **82.1169, 86.7786, 94.6839**.

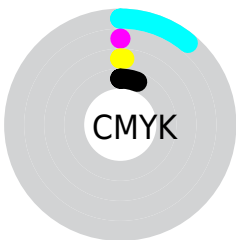
Distribution



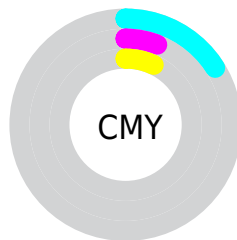
- Red (84%)
- Green (94%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1777, 82.7307, 92.1798 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 74.1777, 82.7307, 92.1798 by changing the saturation by 10% instead.

■ 74.1777, 82.7307,
92.1798

■ 74.1777, 82.7307,
92.1798

464.1273,
504.0886, 555.8485

■ 55.2313, 61.9680,
69.2061

124.1418,
137.1982, 152.3244

■ 39.8215, 45.0069,
50.4068

155.8903,
171.6718, 190.3324

■ 27.5830, 31.4628,
35.3633

192.6367,
211.4846, 234.1890

■ 18.1504, 20.9515,
23.6571

234.7466,
257.0208, 284.3126

■ 11.1584, 13.0886,
14.8696

282.5852,
308.6649, 341.1218

■ 6.2415, 7.4896,
8.5823

336.5180,

■ 3.0345, 3.7701,

366.8013, 405.0352

4.3767

396.9102,
431.8144, 476.4712

■ 1.1721, 1.5458,
1.8342

■ 0.0841, 0.3207,
0.4504

■ 74.1777, 82.7307,
92.1798

■ 74.1777, 82.7307,
92.1798

■ 67.2815, 79.2243,
89.7606

■ 82.1169, 86.7786,
94.6839

■ 61.3762, 76.2257,
87.4186

■ 88.5108, 90.0269,
97.1469

■ 56.4160, 73.7136,
85.1532

■ 88.9317, 90.1952,
99.3633

■ 52.3484, 71.6610,
82.9619

■ 89.3589, 90.3661,
101.6131

■ 49.1159, 70.0382,
80.8418

■ 89.7925, 90.5396,
103.8964

■ 46.6545, 68.8121,
78.7896

■ 90.2325, 90.7156,
106.2135

■ 44.8904, 67.9449,
76.8020

■ 90.4516, 90.8032,
107.3672

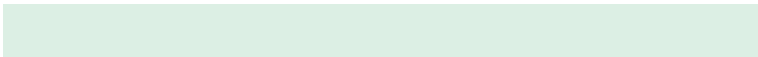
■ 43.7356, 67.3910,
74.8745

■ 43.0811, 67.0910,
73.1544

Harmonies

Analogous

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



74.4133, 82.7307, 85.4614



74.1777, 82.7307, 92.1798



75.1169, 82.7307, 98.6469

Triad

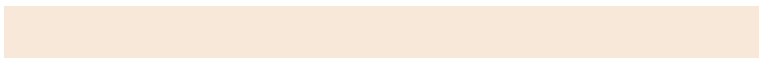
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1777, 82.7307, 92.1798



81.5702, 82.7307, 100.6952



80.2854, 82.7307, 78.3239

Complementary

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



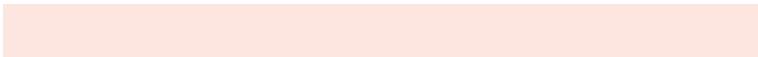
74.1777, 82.7307, 92.1798



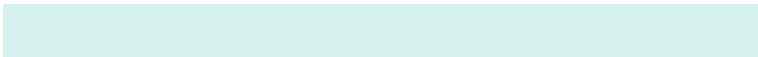
72.5091, 71.6304, 75.6538

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.



82.2572, 82.7307, 82.0234



74.1777, 82.7307, 92.1798



83.0094, 82.7307, 94.8614

Square

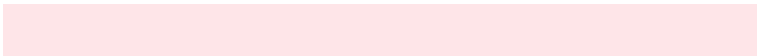
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1777, 82.7307, 92.1798



79.3630, 82.7307, 103.7246



83.2633, 82.7307, 88.0117



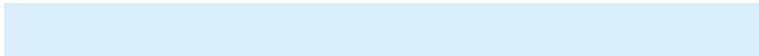
77.9076, 82.7307, 77.6872

Rectangle

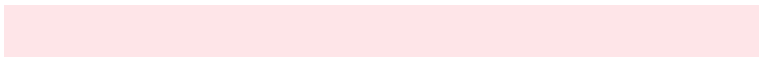
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



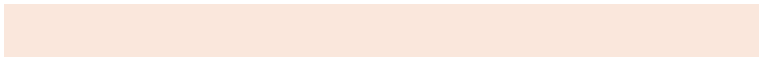
74.1777, 82.7307, 92.1798



76.2944, 82.7307, 101.8640



83.2633, 82.7307, 88.0117



81.0190, 82.7307, 79.2412

Sweetspot

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



74.1801, 82.7342, 92.1816



92.1494, 98.5211, 108.0234



71.9254, 81.9355, 75.6440



19.5619, 21.0050, 23.0716



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.



74.1801, 82.7342, 92.1816



83.2778, 94.0017, 105.1632



71.7683, 77.2024, 93.5610



16.1641, 17.8957, 19.8873



23.6141, 36.7377, 40.2126



1.9866, 3.0651, 3.4617

Inverse Universe

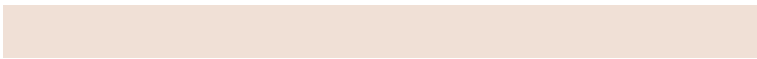
The Inverse Universe completely reimagines the original color for something new.



72.5091, 71.6304, 75.6538



81.0049, 78.8963, 82.6798



74.7224, 76.6764, 74.4815



15.8470, 15.7885, 16.7507



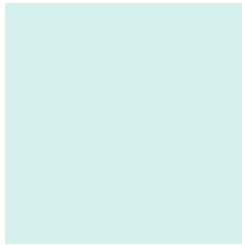
19.8088, 10.1959, 1.6435



1.6720, 0.8578, 0.2635

Previews

White Background



This preview shows how the XYZ color 74.1777, 82.7307, 92.1798 looks on a white background.

Color Contrast Check

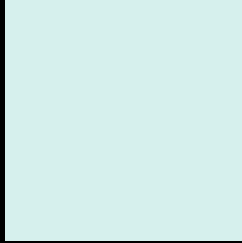
Large Text (above 18pt) WCAG AA × Fail

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 74.1777, 82.7307, 92.1798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

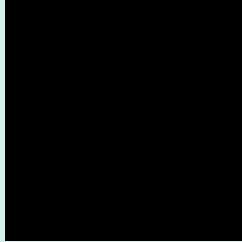
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

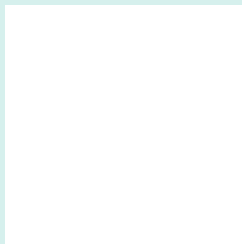
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1777, 82.7307, 92.1798

Background



This preview shows how black text looks on a background with the XYZ color 74.1777, 82.7307, 92.1798.



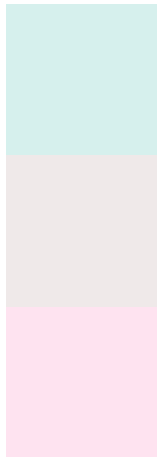
This preview shows how white text looks on a background with the XYZ color 74.1777, 82.7307,

92.1798.

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

74.1777, 82.7307, 92.1798

Protanopia

79.4435, 82.5117, 88.8300

Deuteranopia

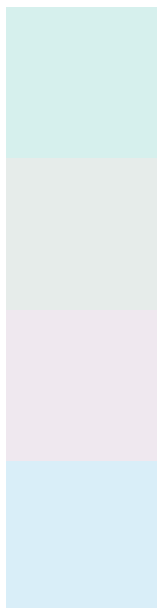
84.0703, 82.3003, 93.8926



Tritanopia

77.2476, 82.6938, 106.4979

Trichromacy



Original Color

74.1777, 82.7307, 92.1798

Protanomaly

77.4799, 82.7544, 89.7315

Deuteranomaly

80.0332, 82.2959, 93.3279

Tritanomaly

76.1331, 82.6781, 100.7528

Monochromacy



Original Color

74.1777, 82.7307, 92.1798

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6110, 81.3647, 89.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1777, 82.7307, 92.1798 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, 240, 237) looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 237)  
}
```

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, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.1777, 82.7307, 92.1798 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, 240, 237) }
```


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

```
.border{ border-color:rgb(214, 240, 237) }
```

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

Here you see how a box with a 4 pixel rgb(214, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1777, 82.7307, 92.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 237) }
```

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

```
.background{ background-color: rgb(214,  
240, 237) }
```

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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