

Converting Colors

XYZ(74.0431, 82.2508, 93.4014)

Have a look what the booklet for
XYZ(74.0431, 82.2508, 93.4014)
contains.

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Color

**XYZ(74.1780, 82.2611,
93.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EFEF
RGB	214, 239, 239
RGB Percent	84%, 94%, 94%
CMY	0.1608, 0.0627, 0.0627
CMYK	0.10, 0.00, 0.00, 0.06
HSL	180°, 44%, 89%
HSV	180°, 10%, 94%
XYZ	74.1780, 82.2611, 93.6297
YIQ	231.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

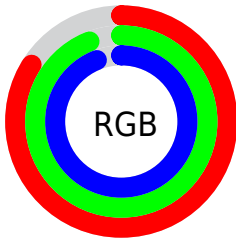
Format	Color
R _Y B	214, 227, 239
Decimal	14086127
CIE Lab	92.69, -8.15, -2.79
CIE LCh	93, 8.612, 198.907
Yxy	82.2611, 0.2966, 0.3290
Android (android.graphics.Color)	4292276207 (0xFFD6EFEF)
YUV	231.5250, 3.6852, -15.3694
Hunter-Lab	90.6979, -12.7337, 2.2820

Details

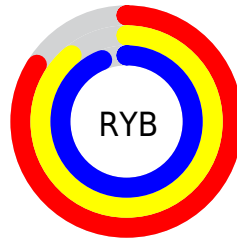
The XYZ color **74.1780, 82.2611, 93.6297** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7837, 71.3011, 73.6011**, and the grayscale version is **76.3301, 80.3052, 87.4523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7788, 44.6568, 51.3228** is the 20% darker color. If you saturate the color by 10%, you get **67.7083, 78.9281, 93.3260**, and if you desaturate by 10%, it is **81.6759, 86.1286, 93.9849**.

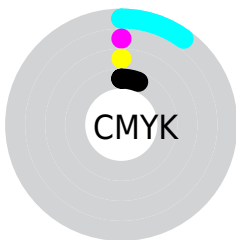
Distribution



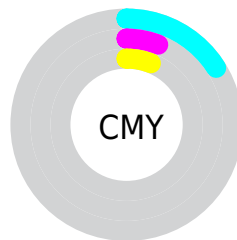
- Red (84%)
- Green (94%)
- Blue (94%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1780, 82.2611, 93.6297 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 74.1780, 82.2611, 93.6297 by changing the saturation by 10% instead.

74.1780, 82.2611,
93.6297

74.1780, 82.2611,
93.6297

464.1283,
502.5206, 560.6406

55.2315, 61.5808,
70.4044

124.1422,
136.5401, 154.3494

39.8217, 44.6940,
51.3775

155.8907,
170.9076, 192.6808

27.5831, 31.2165,
36.1303

192.6373,
210.6062, 236.8848

18.1505, 20.7638,
24.2443

234.7473,
256.0204, 287.3798

11.1584, 12.9514,
15.3011

282.5860,
307.5345, 344.5843

6.2416, 7.3951,
8.8820

336.5188,

3.0346, 3.7104,

365.5330, 408.9169

4.5685

396.9111,
430.4003, 480.7962

■ 1.1721, 1.5129,
1.9421

■ 0.0842, 0.2978,
0.5194

■ 74.1780, 82.2611,
93.6297

■ 74.1780, 82.2611,
93.6297

■ 67.7083, 78.9281,
93.3260

■ 81.6759, 86.1286,
93.9849

■ 62.2153, 76.0964,
93.0664

■ 87.6892, 89.2285,
94.2689

■ 57.6537, 73.7449,
92.8503

■ 87.6897, 89.2287,
94.2716

■ 53.9719, 71.8469,
92.6754

■ 87.6902, 89.2289,
94.2742

■ 51.1132, 70.3733,
92.5390

■ 87.6907, 89.2291,
94.2768

■ 49.0144, 69.2914,
92.4381

■ 87.6912, 89.2293,
94.2795

■ 47.6032, 68.5639,
92.3695

■ 87.6917, 89.2295,
94.2821

■ 46.7930, 68.1463,
92.3290

■ 87.6922, 89.2297,
94.2847

■ 46.4438, 67.9663,
92.3101

■ 87.6927, 89.2299,
94.2874

Harmonies

Analogous

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



74.0313, 82.2611, 87.2134



74.1780, 82.2611, 93.6297



75.3867, 82.2611, 99.2011

Triad

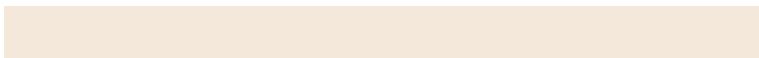
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1780, 82.2611, 93.6297



81.4816, 82.2611, 97.9327



79.0193, 82.2611, 77.9885

Complementary

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



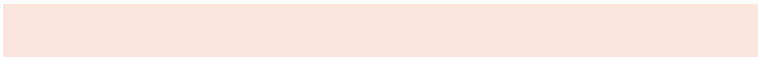
74.1780, 82.2611, 93.6297



71.7837, 71.3011, 73.6011

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.



81.0552, 82.2611, 80.5803



74.1780, 82.2611, 93.6297



82.4948, 82.2611, 91.9654

Square

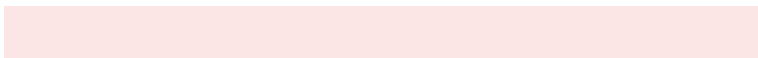
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1780, 82.2611, 93.6297



79.5922, 82.2611, 101.7663



82.3373, 82.2611, 85.6262



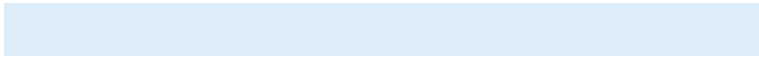
76.7978, 82.2611, 78.3863

Rectangle

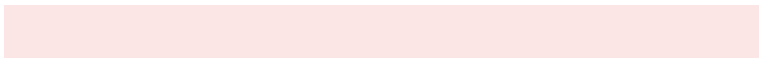
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



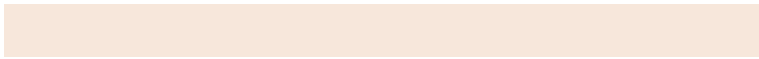
74.1780, 82.2611, 93.6297



76.6452, 82.2611, 101.5909



82.3373, 82.2611, 85.6262



79.7488, 82.2611, 78.5338

Sweetspot

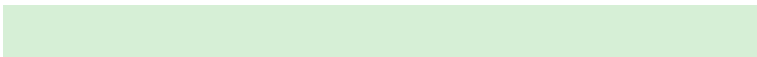
The Sweet Spot groups the original color and five complimentary colors.



74.1804, 82.2645, 93.6315



92.2912, 98.5778, 108.7700



70.8598, 80.9504, 75.5099



19.6003, 21.0204, 23.2740



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.



74.1804, 82.2645, 93.6315



83.8875, 94.2456, 108.3737



70.7602, 75.4233, 92.4940



16.2473, 17.9290, 20.3254



25.6646, 37.5579, 51.0104



2.1351, 3.1245, 4.2437

Inverse Universe

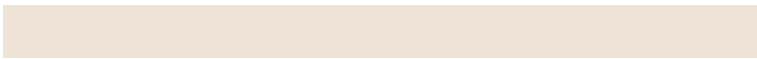
The Inverse Universe completely reimagines the original color for something new.



71.7837, 71.3011, 73.6011



80.4868, 78.6890, 79.9516



74.9562, 77.6467, 74.6563



15.7730, 15.7589, 16.3606



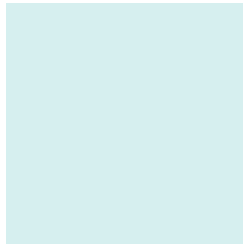
19.6716, 10.1411, 0.9214



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 74.1780, 82.2611, 93.6297 looks on a white background.

Color Contrast Check

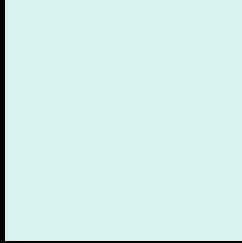
Large Text (above 18pt) WCAG AA × Fail

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 74.1780, 82.2611, 93.6297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

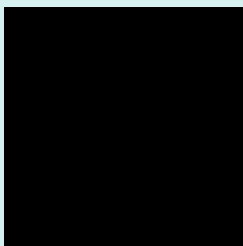
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

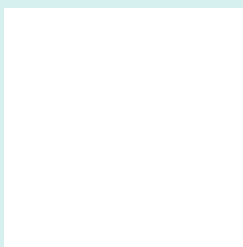
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1780, 82.2611, 93.6297

Background



This preview shows how black text looks on a background with the XYZ color 74.1780, 82.2611, 93.6297.



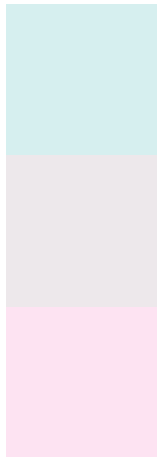
This preview shows how white text looks on a background with the XYZ color 74.1780, 82.2611,

93.6297.

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

74.1780, 82.2611, 93.6297

Protanopia

78.7771, 81.7159, 90.2180

Deuteranopia

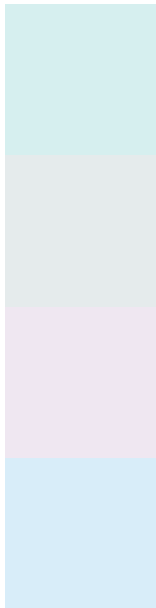
84.0041, 82.2316, 95.4492



Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

74.1780, 82.2611, 93.6297

Protanomaly

77.1618, 82.1308, 91.1429

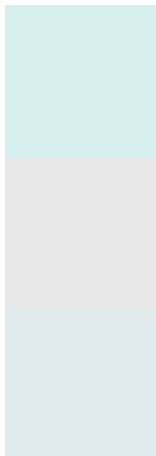
Deuteranomaly

80.0497, 81.8534, 94.7993

Tritanomaly

75.7020, 82.0069, 101.4615

Monochromacy



Original Color

74.1780, 82.2611, 93.6297

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7551, 81.4224, 90.3206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1780, 82.2611, 93.6297 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, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 239, 239)  
}
```

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, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.1780, 82.2611, 93.6297 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, 239, 239) }
```


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

```
.border{ border-color:rgb(214, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1780, 82.2611, 93.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 239, 239) }
```

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

```
.background{ background-color: rgb(214,  
239, 239) }
```

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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