

Converting Colors

XYZ(74.4290, 82.0424,
101.5366)

Have a look what the booklet for
XYZ(74.4290, 82.0424, 101.5366)
contains.

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Color

**XYZ(74.5437, 82.2742,
101.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EFF9
RGB	210, 239, 249
RGB Percent	82%, 94%, 98%
CMY	0.1765, 0.0627, 0.0235
CMYK	0.16, 0.04, 0.00, 0.02
HSL	195°, 76%, 90%
HSV	195°, 16%, 98%
XYZ	74.5437, 82.2742, 101.5742
YIQ	231.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

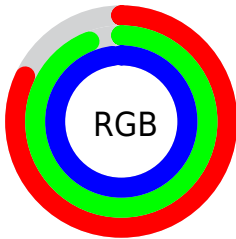
Format	Color
R _Y B	210, 227, 249
Decimal	13823993
CIE Lab	92.70, -7.42, -8.01
CIE LCh	93, 10.920, 227.217
Yxy	82.2742, 0.2885, 0.3184
Android (android.graphics.Color)	4292014073 (0xFFD2EFF9)
YUV	231.4690, 8.6428, -18.8283
Hunter-Lab	90.7051, -12.0383, -2.9011

Details

The XYZ color **74.5437, 82.2742, 101.5742** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2935, 75.9791, 71.6186**, and the grayscale version is **76.2555, 80.2267, 87.3669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0767, 44.6858, 56.9650** is the 20% darker color. If you saturate the color by 10%, you get **66.1635, 75.2310, 100.6577**, and if you desaturate by 10%, it is **84.0977, 90.0248, 102.5680**.

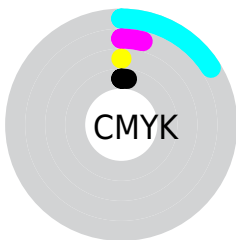
Distribution



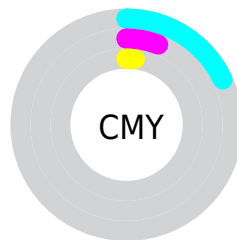
- Red (82%)
- Green (94%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5437, 82.2742, 101.5742 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 74.5437, 82.2742, 101.5742 by changing the saturation by 10% instead.

■ 74.5437, 82.2742,
101.5742

■ 74.5437, 82.2742,
101.5742

465.3691,
502.5644, 586.5177

■ 55.5320, 61.5916,
76.9917

124.6576,
136.5585, 165.3895

■ 40.0634, 44.7028,
56.7345

156.4905,
170.9289, 205.4594

■ 27.7724, 31.2234,
40.3842

193.3279,
210.6307, 251.5288

■ 18.2937, 20.7690,
27.5222

235.5351,
256.0483, 304.0163

■ 11.2620, 12.9553,
17.7299

283.4775,
307.5661, 363.3404

■ 6.3120, 7.3977,
10.5888

337.5204,

■ 3.0781, 3.7121,

365.5684, 429.9196

5.6804

398.0291,
430.4397, 504.1726

■ 1.1952, 1.5138,
2.5861

■ 0.1026, 0.2984,
0.8853

■ 74.5437, 82.2742,
101.5742

■ 74.5437, 82.2742,
101.5742

■ 66.1635, 75.2310,
100.6577

■ 84.0977, 90.0248,
102.5680

■ 58.8984, 68.8574,
99.8104

■ 93.0774, 97.5762,
103.5523

■ 52.6952, 63.1272,
99.0313

■ 94.0991, 99.6197,
103.8928

■ 47.4935, 58.0082,
98.3174

■ 43.2263, 53.4649,
97.6654

■ 39.8182, 49.4572,
97.0714

■ 37.1810, 45.9387,
96.5313

■ 35.2059, 42.8522,
96.0396

■ 34.4850, 41.6113,
95.8381

Harmonies

Analogous

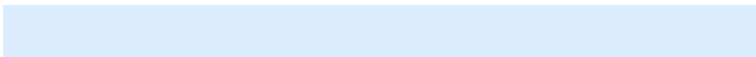
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0917, 82.2742, 94.2981



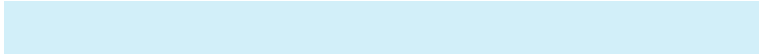
74.5437, 82.2742, 101.5742



76.9955, 82.2742, 105.7384

Triad

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



74.5437, 82.2742, 101.5742



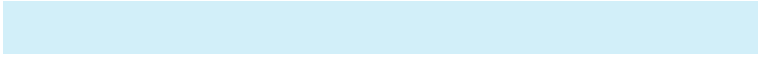
83.6537, 82.2742, 93.0924



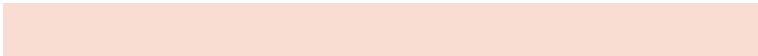
76.5919, 82.2742, 75.4417

Complementary

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



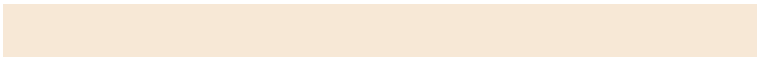
74.5437, 82.2742, 101.5742



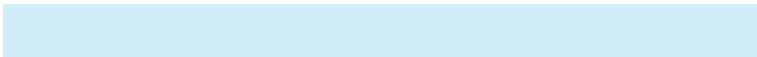
76.2935, 75.9791, 71.6186

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.



79.4153, 82.2742, 75.1625



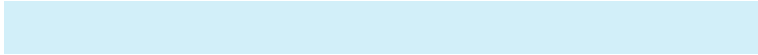
74.5437, 82.2742, 101.5742



83.5392, 82.2742, 85.0270

Square

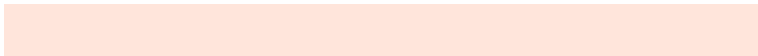
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



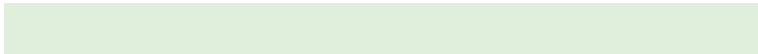
74.5437, 82.2742, 101.5742



82.2812, 82.2742, 100.6456



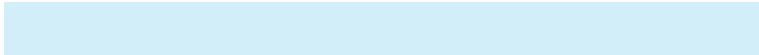
81.9722, 82.2742, 78.5740



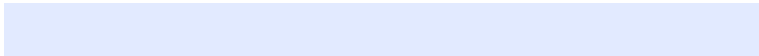
74.2544, 82.2742, 79.3616

Rectangle

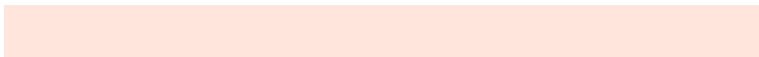
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



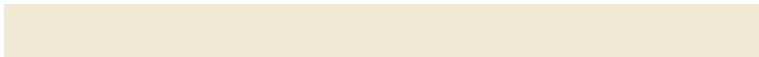
74.5437, 82.2742, 101.5742



78.8881, 82.2742, 106.0336



81.9722, 82.2742, 78.5740



77.5143, 82.2742, 74.9278

Sweetspot

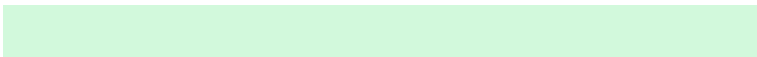
The Sweet Spot groups the original color and five complimentary colors.



74.5461, 82.2776, 101.5760



89.4801, 95.5940, 108.3431



73.3406, 86.6085, 80.3898



18.9904, 20.3318, 23.1735



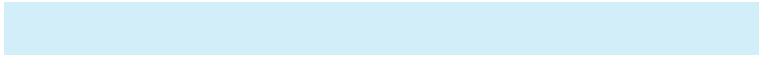
0.0000, 0.0000, 0.0000



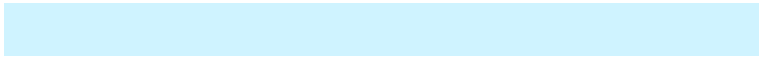
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5461, 82.2776, 101.5760



75.5819, 84.2713, 106.8901



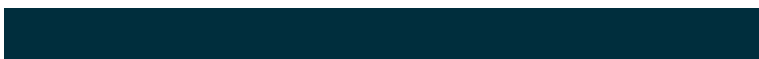
69.2063, 71.5980, 99.7961



17.3671, 18.8111, 22.1009



18.5793, 22.5142, 51.3400



1.8058, 2.2552, 4.7833

Inverse Universe

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



77.6954, 72.4666, 91.5578



79.5584, 72.1137, 94.1888



81.6409, 86.6738, 73.4010



17.7919, 17.4441, 20.7597



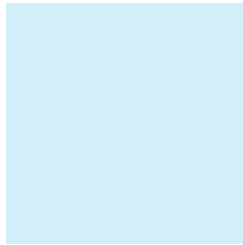
25.6700, 12.6837, 26.0344



2.4204, 1.1919, 2.6372

Previews

White Background



This preview shows how the XYZ color 74.5437, 82.2742, 101.5742 looks on a white background.

Color Contrast Check

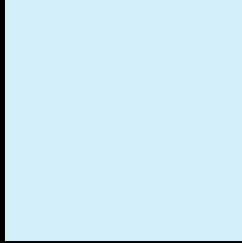
Large Text (above 18pt) WCAG AA × Fail

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 74.5437, 82.2742, 101.5742 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 74.5437, 82.2742, 101.5742

Background



This preview shows how black text looks on a background with the XYZ color 74.5437, 82.2742, 101.5742.

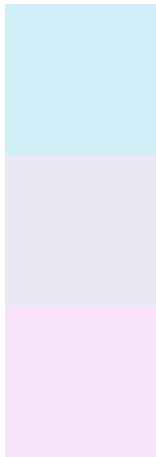


This preview shows how white text looks on a background with the XYZ color 74.5437, 82.2742,

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

74.5437, 82.2742, 101.5742

Protanopia

79.2697, 81.7982, 97.9969

Deuteranopia

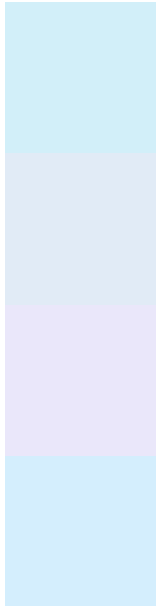
83.5931, 81.8597, 102.6615



Tritanopia

75.7748, 81.9345, 106.4289

Trichromacy



Original Color

74.5437, 82.2742, 101.5742

Protanomaly

77.3942, 82.0780, 98.9523

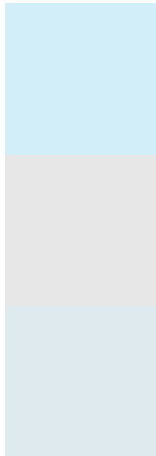
Deuteranomaly

79.7629, 81.5464, 101.9785

Tritanomaly

75.4555, 82.2380, 104.8251

Monochromacy



Original Color

74.5437, 82.2742, 101.5742

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2869, 80.7067, 92.4988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5437, 82.2742, 101.5742 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(210, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 239, 249)  
}
```

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(210, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 239, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.5437, 82.2742, 101.5742 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(210, 239, 249) }
```


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

```
.border{ border-color:rgb(210, 239, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 239, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 239,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5437, 82.2742, 101.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 239, 249) }
```

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

```
.background{ background-color: rgb(210,  
239, 249) }
```

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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