

Converting Colors

XYZ(74.4058, 82.7436,
105.4321)

Have a look what the booklet for
XYZ(74.4058, 82.7436, 105.4321)
contains.

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Color

**XYZ(74.2263, 82.4551,
105.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF0FE
RGB	205, 240, 254
RGB Percent	80%, 94%, 100%
CMY	0.1961, 0.0588, 0.0039
CMYK	0.19, 0.06, 0.00, 0.00
HSL	197°, 96%, 90%
HSV	197°, 19%, 100%
XYZ	74.2263, 82.4551, 105.7692
YIQ	231.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

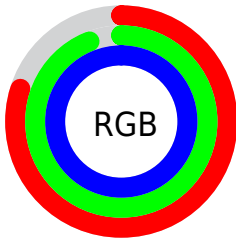
Format	Color
R _Y B	205, 225, 254
Decimal	13496574
CIE Lab	92.78, -8.42, -10.53
CIE LCh	93, 13.481, 231.371
Yxy	82.4551, 0.2828, 0.3142
Android (android.graphics.Color)	4291686654 (0xFFCDF0FE)
YUV	231.1310, 11.2744, -22.9169
Hunter-Lab	90.8048, -12.9976, -5.4975

Details

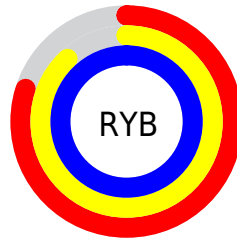
The XYZ color **74.2263, 82.4551, 105.7692** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2247, 76.1416, 68.3858**, and the grayscale version is **75.9874, 79.9446, 87.0597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7962, 44.7962, 59.3724** is the 20% darker color. If you saturate the color by 10%, you get **65.6876, 74.9476, 104.7715**, and if you desaturate by 10%, it is **83.9927, 90.7266, 106.8523**.

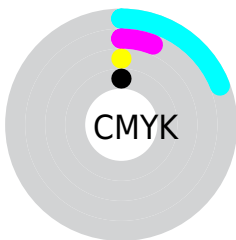
Distribution



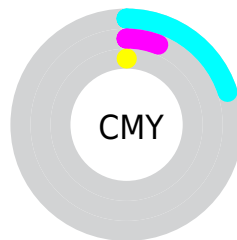
- Red (80%)
- Green (94%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2263, 82.4551, 105.7692 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 74.2263, 82.4551, 105.7692 by changing the saturation by 10% instead.

74.2263, 82.4551,
105.7692

74.2263, 82.4551,
105.7692

464.2923,
503.1687, 599.9391

55.2712, 61.7407,
80.4837

124.2103,
136.8120, 171.1838

39.8536, 44.8232,
59.5879

155.9700,
171.2234, 212.1500

27.6081, 31.3182,
42.6635

192.7285,
210.9692, 259.1801

18.1694, 20.8413,
29.2917

234.8514,
256.4338, 312.6927

11.1721, 13.0080,
19.0541

282.7038,
308.0017, 373.1064

6.2509, 7.4341,
11.5322

336.6512,

3.0403, 3.7350,

366.0572, 440.8397

6.3073

397.0589,
430.9847, 516.3110

■ 1.1751, 1.5265,
2.9611

■ 0.0866, 0.3072,
1.0748

■ 74.2263, 82.4551,
105.7692

■ 74.2263, 82.4551,
105.7692

■ 65.6876, 74.9476,
104.7715

■ 83.9927, 90.7266,
106.8523

■ 58.3135, 68.1636,
103.8507

94.7355, 99.6275,
108.0042

■ 52.0461, 62.0740,
103.0056

94.8896, 99.9359,
108.0556

■ 46.8194, 56.6432,
102.2329

■ 42.5598, 51.8318,
101.5287

■ 39.1835, 47.5950,
100.8888

■ 36.5911, 43.8799,
100.3084

■ 34.6321, 40.6073,
99.7799

■ 34.5044, 40.3853,
99.7438

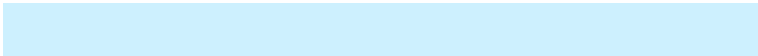
Harmonies

Analogous

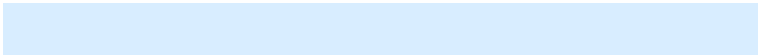
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2429, 82.4551, 97.0211



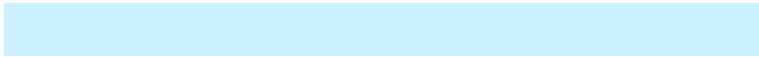
74.2263, 82.4551, 105.7692



77.3613, 82.4551, 110.3133

Triad

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



74.2263, 82.4551, 105.7692



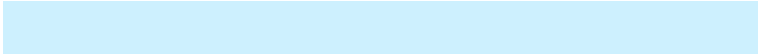
85.2464, 82.4551, 92.7156



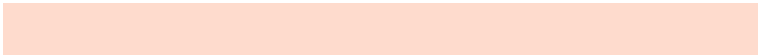
75.9334, 82.4551, 72.9305

Complementary

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



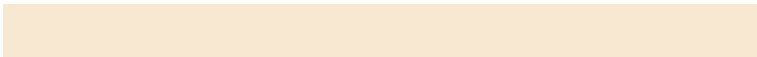
74.2263, 82.4551, 105.7692



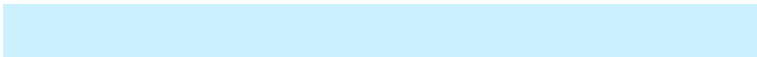
77.2247, 76.1416, 68.3858

Split Complementary

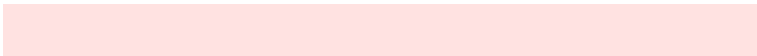
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3897, 82.4551, 71.9665



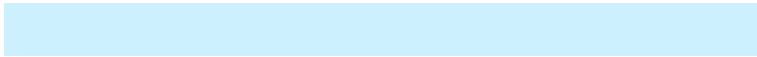
74.2263, 82.4551, 105.7692



84.8364, 82.4551, 82.9077

Square

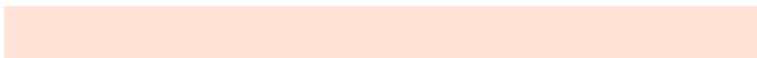
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



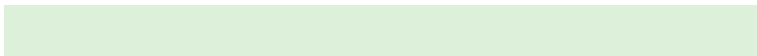
74.2263, 82.4551, 105.7692



83.7716, 82.4551, 102.4161



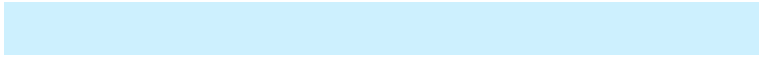
82.6674, 82.4551, 75.4886



73.2078, 82.4551, 78.2278

Rectangle

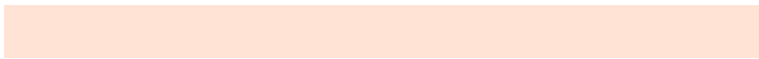
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2263, 82.4551, 105.7692



79.7115, 82.4551, 110.1288



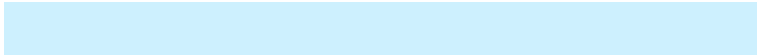
82.6674, 82.4551, 75.4886



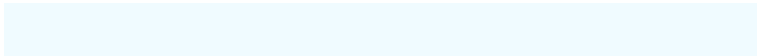
77.0458, 82.4551, 72.1055

Sweetspot

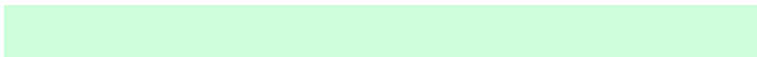
The Sweet Spot groups the original color and five complimentary colors.



74.2287, 82.4585, 105.7711



88.2650, 94.4559, 108.1875



73.3910, 88.9726, 80.2442



18.7403, 20.0920, 23.1404



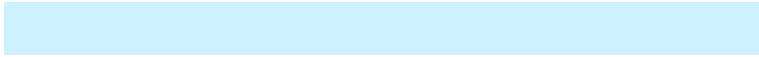
0.0000, 0.0000, 0.0000



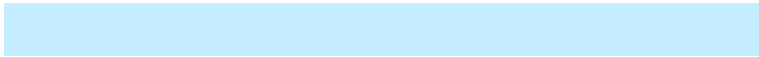
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2287, 82.4585, 105.7711



71.5525, 80.2955, 106.3351



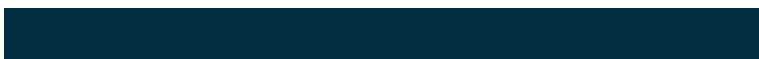
67.5255, 69.0521, 103.5367



18.0907, 19.5530, 23.0706



18.3232, 21.5559, 52.6296



1.8774, 2.2856, 5.1555

Inverse Universe

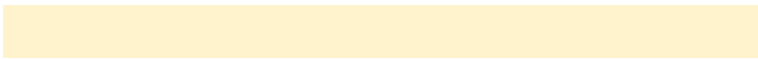
The Inverse Universe completely reimagines the original color for something new.



78.4345, 71.0265, 92.0175



76.5279, 67.0855, 89.9944



84.0593, 89.8110, 70.6641



18.5584, 18.2067, 21.5578



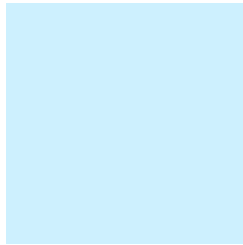
26.0369, 12.9040, 24.6425



2.5822, 1.2753, 2.6475

Previews

White Background



This preview shows how the XYZ color 74.2263, 82.4551, 105.7692 looks on a white background.

Color Contrast Check

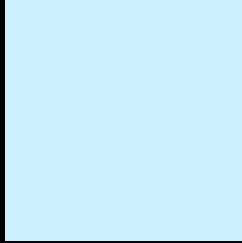
Large Text (above 18pt) WCAG AA × Fail

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 74.2263, 82.4551, 105.7692 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 74.2263, 82.4551, 105.7692

Background



This preview shows how black text looks on a background with the XYZ color 74.2263, 82.4551, 105.7692.

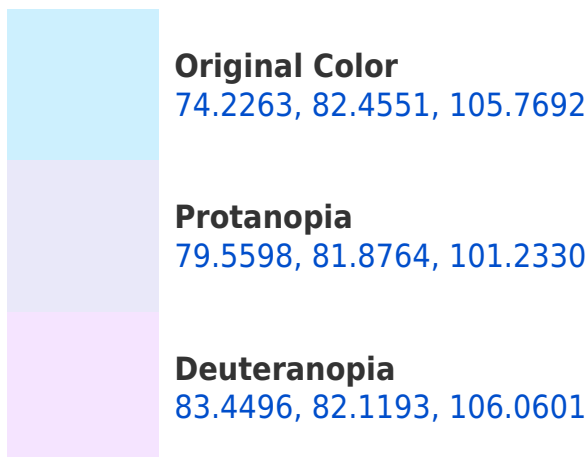


This preview shows how white text looks on a background with the XYZ color 74.2263, 82.4551,

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

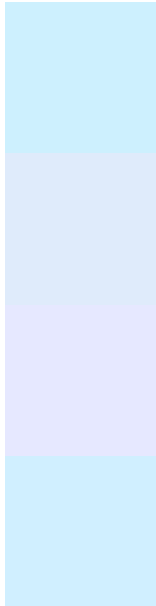




Tritanopia

75.4948, 82.6546, 106.5827

Trichromacy



Original Color

74.2263, 82.4551, 105.7692

Protanomaly

77.5523, 82.0697, 103.0204

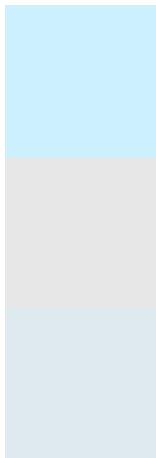
Deuteranomaly

79.5397, 81.7562, 106.1961

Tritanomaly

74.9289, 82.3629, 106.5562

Monochromacy



Original Color

74.2263, 82.4551, 105.7692

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1270, 80.6072, 93.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2263, 82.4551, 105.7692 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(205, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 254)  
}
```

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(205, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.2263, 82.4551, 105.7692 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(205, 240, 254) }
```


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

```
.border{ border-color:rgb(205, 240, 254) }
```

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

Here you see how a box with a 4 pixel rgb(205, 240, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2263, 82.4551, 105.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 254) }
```

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

```
.background{ background-color: rgb(205,  
240, 254) }
```

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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