

Converting Colors

XYZ(74.0280, 76.0663,
104.5465)

Have a look what the booklet for
XYZ(74.0280, 76.0663, 104.5465)
contains.

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Color

**XYZ(74.0280, 76.0663,
104.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE1FE
RGB	219, 225, 254
RGB Percent	86%, 88%, 100%
CMY	0.1412, 0.1176, 0.0039
CMYK	0.14, 0.11, 0.00, 0.00
HSL	230°, 95%, 93%
HSV	230°, 14%, 100%
XYZ	74.0280, 76.0663, 104.5465
YIQ	226.5120, -12.8850, 7.7470

Conversions

Conversions Part 2

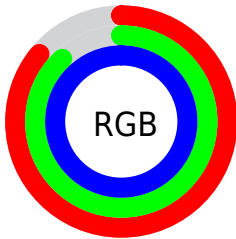
Format	Color
R _Y B	219, 224, 254
Decimal	14410238
CIE Lab	89.89, 3.61, -14.74
CIE LCh	90, 15.175, 283.763
Yxy	76.0663, 0.2907, 0.2987
Android (android.graphics.Color)	4292600318 (0xFFDBE1FE)
YUV	226.5120, 13.5516, -6.5880
Hunter-Lab	87.2160, -1.1191, -10.0202

Details

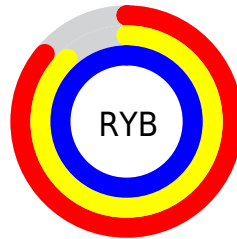
The XYZ color **74.0280, 76.0663, 104.5465** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2270, 93.3195, 80.4344**, and the grayscale version is **72.5728, 76.3523, 83.1476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7626, 40.6732, 58.5783** is the 20% darker color. If you saturate the color by 10%, you get **61.6195, 61.7401, 102.4365**, and if you desaturate by 10%, it is **88.3082, 92.4022, 106.9482**.

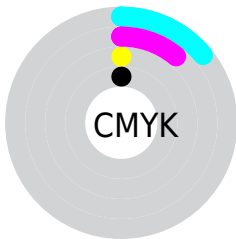
Distribution



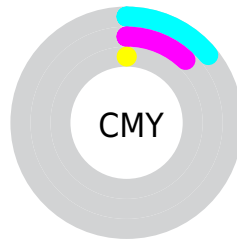
- Red (86%)
- Green (88%)
- Blue (100%)



- Red (86%)
- Yellow (88%)
- Blue (100%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0280, 76.0663, 104.5465 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 74.0280, 76.0663, 104.5465 by changing the saturation by 10% instead.

■ 74.0280, 76.0663,
104.5465

■ 74.0280, 76.0663,
104.5465

463.6188,
481.5746, 596.0436

■ 55.1083, 56.4869,
79.4649

123.9308,
127.8206, 169.4974

■ 39.7226, 40.5934,
58.7546

155.6446,
160.7643, 210.2038

■ 27.5056, 28.0015,
41.9969

192.3538,
198.9315, 256.9555

■ 18.0919, 18.3268,
28.7733

234.4239,
242.7067, 310.1712

■ 11.1160, 11.1849,
18.6653

282.2200,
292.4742, 370.2693

■ 6.2128, 6.1913,
11.2543

336.1076,

■ 3.0168, 2.9618,

348.6184, 437.6684

6.1218

396.4521,
411.5238, 512.7870

■ 1.1627, 1.1118,
2.8493

■ 0.0766, 0.0000,
1.0182

■ 74.0280, 76.0663,
104.5465

■ 74.0280, 76.0663,
104.5465

■ 61.6195, 61.7401,
102.4365

■ 88.3082, 92.4022,
106.9482

■ 50.9977, 49.3360,
100.6021

94.8896, 99.9358,
108.0555

■ 42.0812, 38.7743,
99.0334

■ 34.7798, 29.9656,
97.7180

■ 28.9943, 22.8131,
96.6423

■ 24.6147, 17.2103,
95.7917

■ 21.5153, 13.0377,
95.1497

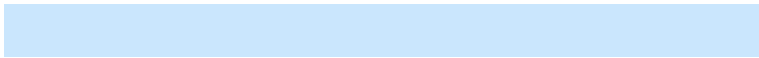
■ 19.5461, 10.1567,
94.6974

■ 18.7742, 8.9250,
94.5003

Harmonies

Analogous

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



70.3010, 76.0663, 104.2772



74.0280, 76.0663, 104.5465



77.4023, 76.0663, 98.6524

Triad

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



74.0280, 76.0663, 104.5465



77.6330, 76.0663, 69.3436



65.5936, 76.0663, 77.1816

Complementary

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



74.0280, 76.0663, 104.5465



87.2270, 93.3195, 80.4344

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.



67.4246, 76.0663, 68.7850



74.0280, 76.0663, 104.5465



74.3339, 76.0663, 64.5343

Square

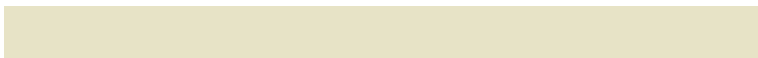
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0280, 76.0663, 104.5465



79.5318, 76.0663, 78.0063



70.5966, 76.0663, 64.3391



65.5181, 76.0663, 87.8346

Rectangle

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



74.0280, 76.0663, 104.5465



78.9621, 76.0663, 92.2933



70.5966, 76.0663, 64.3391



66.0212, 76.0663, 74.0243

Sweetspot

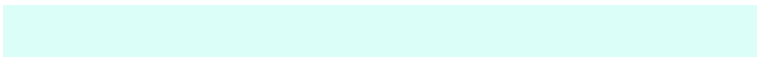
The Sweet Spot groups the original color and five complimentary colors.



74.0303, 76.0695, 104.5482



88.7596, 92.8428, 107.8501



81.5353, 92.6965, 102.0645



18.7525, 19.5921, 23.0432



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.



74.0303, 76.0695, 104.5482



70.4544, 71.8726, 104.7672



75.8822, 74.6571, 104.1780



17.2548, 17.8812, 22.7919



9.9699, 4.8494, 49.8451



1.0372, 0.6052, 4.8754

Inverse Universe

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



79.7970, 77.1718, 81.9277



77.4935, 73.2911, 77.1390



85.1627, 95.0393, 80.8752



18.1365, 18.0379, 19.3359



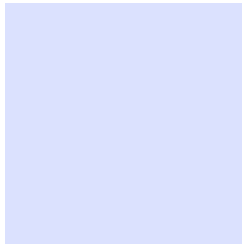
21.8205, 11.2175, 2.4395



2.1582, 1.1056, 0.4143

Previews

White Background



This preview shows how the XYZ color 74.0280, 76.0663, 104.5465 looks on a white background.

Color Contrast Check

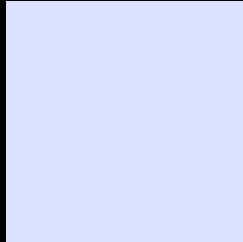
Large Text (above 18pt) WCAG AA × Fail

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 74.0280, 76.0663, 104.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

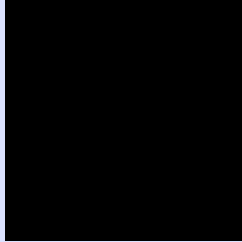
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0280, 76.0663, 104.5465

Background



This preview shows how black text looks on a background with the XYZ color 74.0280, 76.0663, 104.5465.

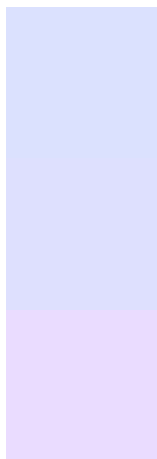


This preview shows how white text looks on a background with the XYZ color 74.0280, 76.0663,

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

74.0280, 76.0663, 104.5465

Protanopia

74.6692, 75.9967, 104.4993

Deuteranopia

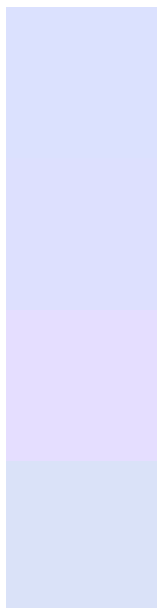
77.5749, 75.8988, 105.1690



Tritanopia

72.5658, 76.2825, 97.2856

Trichromacy



Original Color

74.0280, 76.0663, 104.5465

Protanomaly

74.3638, 75.8392, 104.4850

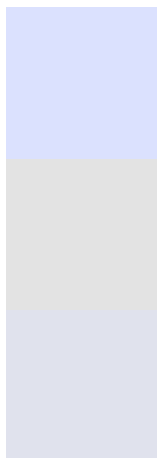
Deuteranomaly

76.4844, 76.1206, 105.2693

Tritanomaly

73.0531, 76.0754, 99.6407

Monochromacy



Original Color

74.0280, 76.0663, 104.5465

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2229, 76.3544, 90.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0280, 76.0663, 104.5465 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(219, 225, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 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(219, 225, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.0280, 76.0663, 104.5465 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(219, 225, 254) }
```


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

```
.border{ border-color:rgb(219, 225, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0280, 76.0663, 104.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 254) }
```

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

```
.background{ background-color: rgb(219,  
225, 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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