

Converting Colors

XYZ(74.8690, 76.2123,
104.6874)

Have a look what the booklet for
XYZ(74.8690, 76.2123, 104.6874)
contains.

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Color

**XYZ(74.6692, 75.9967,
104.4993)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEE0FE |
| RGB | 222, 224, 254 |
| RGB Percent | 87%, 88%, 100% |
| CMY | 0.1294, 0.1215, 0.0039 |
| CMYK | 0.13, 0.12, 0.00, 0.00 |
| HSL | 236°, 94%, 93% |
| HSV | 236°, 13%, 100% |
| XYZ | 74.6692, 75.9967, 104.4993 |
| YIQ | 226.8220, -10.8220, 8.9060 |

Conversions

Conversions Part 2

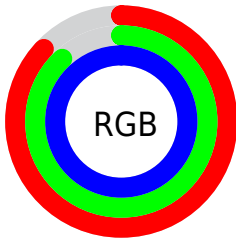
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 222, 224, 254 |
| Decimal | 14606590 |
| CIE Lab | 89.86, 5.07, -14.77 |
| CIE LCh | 90, 15.613, 288.964 |
| Yxy | 75.9967, 0.2926, 0.2978 |
| Android (android.graphics.Color) | 4292796670 (0xFFDEE0FE) |
| YUV | 226.8220, 13.3988, -4.2289 |
| Hunter-Lab | 87.1761, 0.3330, -10.0486 |

Details

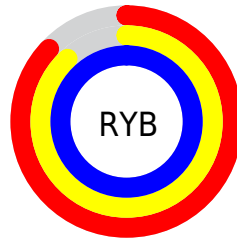
The XYZ color **74.6692, 75.9967, 104.4993** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.8685, 95.9648, 82.9478**, and the grayscale version is **72.7976, 76.5888, 83.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2024, 40.6226, 58.5454** is the 20% darker color. If you saturate the color by 10%, you get **61.5110, 60.3715, 102.1780**, and if you desaturate by 10%, it is **89.9000, 94.0244, 107.1775**.

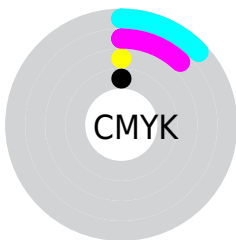
Distribution



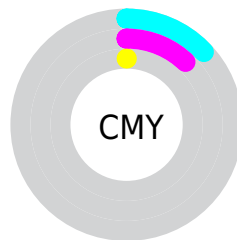
- Red (87%)
- Green (88%)
- Blue (100%)



- Red (87%)
- Yellow (88%)
- Blue (100%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6692, 75.9967, 104.4993 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 74.6692, 75.9967, 104.4993 by changing the saturation by 10% instead.

■ 74.6692, 75.9967,
104.4993

■ 74.6692, 75.9967,
104.4993

465.7945,
481.3364, 595.8930

■ 55.6351, 56.4298,
79.4256

124.8344,
127.7222, 169.4322

■ 40.1463, 40.5476,
58.7224

156.6963,
160.6497, 210.1286

■ 27.8374, 27.9658,
41.9712

193.5648,
198.7994, 256.8696

■ 18.3429, 18.2999,
28.7533

235.8053,
242.5558, 310.0737

■ 11.2976, 11.1655,
18.6503

283.7832,
292.3034, 370.1596

■ 6.3362, 6.1783,
11.2436

337.8638,

■ 3.0931, 2.9538,

348.4264, 437.5457

6.1147

398.4124,
411.3092, 512.6507

■ 1.2032, 1.1076,
2.8451

■ 0.1089, 0.0000,
1.0161

■ 74.6692, 75.9967,
104.4993

■ 74.6692, 75.9967,
104.4993

■ 61.5110, 60.3715,
102.1780

■ 89.9000, 94.0244,
107.1775

■ 50.3291, 47.0384,
100.1938

94.8896, 99.9359,
108.0555

■ 41.0302, 35.8923,
98.5325

■ 33.5105, 26.8164,
97.1770

■ 27.6561, 19.6828,
96.1087

■ 23.3400, 14.3496,
95.3068

■ 20.4167, 10.6553,
94.7478

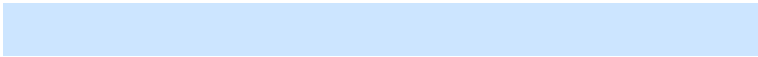
■ 18.7129, 8.4094,
94.4041

■ 18.0735, 7.5235,
94.2668

Harmonies

Analogous

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



70.8225, 75.9967, 105.3897



74.6692, 75.9967, 104.4993



77.9713, 75.9967, 97.4871

Triad

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



74.6692, 75.9967, 104.4993



77.2109, 75.9967, 67.7406



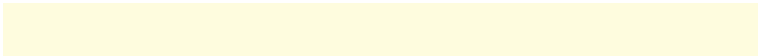
65.1964, 75.9967, 78.7487

Complementary

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



74.6692, 75.9967, 104.4993



88.8685, 95.9648, 82.9478

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.



66.7826, 75.9967, 69.5739



74.6692, 75.9967, 104.4993



73.6613, 75.9967, 63.6054

Square

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



74.6692, 75.9967, 104.4993



79.4744, 75.9967, 76.0363



69.8496, 75.9967, 64.2452



65.4446, 75.9967, 89.8424

Rectangle

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



74.6692, 75.9967, 104.4993



79.3768, 75.9967, 90.6065



69.8496, 75.9967, 64.2452



65.5305, 75.9967, 75.3566

Sweetspot

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



74.6715, 75.9999, 104.5010



88.4217, 92.1670, 107.7374



83.1169, 93.4344, 105.6399



18.6674, 19.4218, 23.0149



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.



74.6715, 75.9999, 104.5010



71.9603, 72.6719, 104.8421



78.5598, 77.2098, 104.5296



17.0943, 17.5602, 22.7384



9.5627, 4.0349, 49.7094



0.9616, 0.4540, 4.8502

Inverse Universe

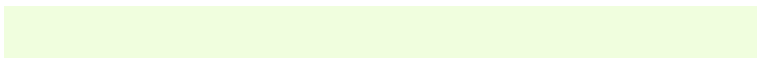
The Inverse Universe completely reimagines the original color for something new.



80.4506, 78.6968, 81.4745



78.7937, 75.8790, 77.6109



84.6084, 94.7075, 82.9297



18.0555, 18.0055, 18.9093



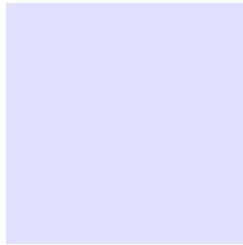
21.6150, 11.1353, 1.3570



2.1200, 1.0904, 0.2133

Previews

White Background



This preview shows how the XYZ color 74.6692, 75.9967, 104.4993 looks on a white background.

Color Contrast Check

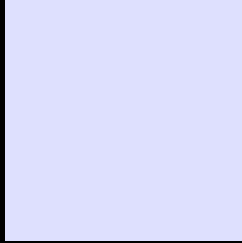
Large Text (above 18pt) WCAG AA × Fail

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 74.6692, 75.9967, 104.4993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

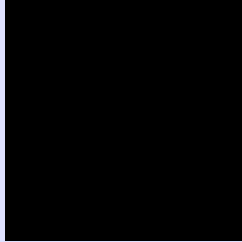
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6692, 75.9967, 104.4993

Background



This preview shows how black text looks on a background with the XYZ color 74.6692, 75.9967, 104.4993.

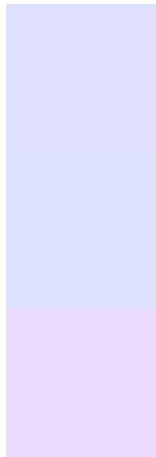


This preview shows how white text looks on a background with the XYZ color 74.6692, 75.9967,

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

74.6692, 75.9967, 104.4993

Protanopia

74.3638, 75.8392, 104.4850

Deuteranopia

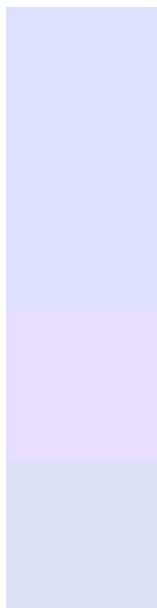
77.5749, 75.8988, 105.1690



Tritanopia

73.0407, 76.1400, 96.4348

Trichromacy



Original Color

74.6692, 75.9967, 104.4993

Protanomaly

74.3638, 75.8392, 104.4850

Deuteranomaly

76.5396, 75.7559, 105.1960

Tritanomaly

73.6873, 75.9999, 99.5926

Monochromacy



Original Color

74.6692, 75.9967, 104.4993

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5338, 76.5147, 91.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6692, 75.9967, 104.4993 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(222, 224, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 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(222, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.6692, 75.9967, 104.4993 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(222, 224, 254) }
```


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

```
.border{ border-color:rgb(222, 224, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6692, 75.9967, 104.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 254) }
```

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

```
.background{ background-color: rgb(222,  
224, 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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