

Converting Colors

XYZ(70.6820, 74.3176, 99.1656)

Have a look what the booklet for
XYZ(70.6820, 74.3176, 99.1656)
contains.

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Color

**XYZ(70.7325, 74.4766,
99.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E1F8
RGB	211, 225, 248
RGB Percent	83%, 88%, 97%
CMY	0.1725, 0.1176, 0.0274
CMYK	0.15, 0.09, 0.00, 0.03
HSL	217°, 73%, 90%
HSV	217°, 15%, 97%
XYZ	70.7325, 74.4766, 99.4544
YIQ	223.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

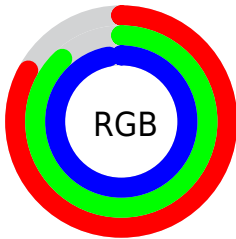
Format	Color
R _Y B	211, 221, 248
Decimal	13885944
CIE Lab	89.15, -0.12, -12.76
CIE LCh	89, 12.764, 269.470
Yxy	74.4766, 0.2891, 0.3044
Android (android.graphics.Color)	4292076024 (0xFFD3E1F8)
YUV	223.4360, 12.1101, -10.9064
Hunter-Lab	86.2998, -4.7237, -7.9176

Details

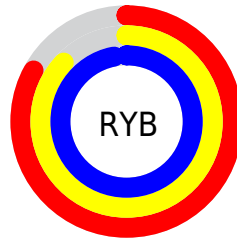
The XYZ color **70.7325, 74.4766, 99.4544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8927, 83.5052, 73.5370**, and the grayscale version is **70.3757, 74.0407, 80.6303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5995, 39.6231, 55.5355** is the 20% darker color. If you saturate the color by 10%, you get **60.1880, 63.1330, 97.8218**, and if you desaturate by 10%, it is **82.7538, 87.1439, 101.2670**.

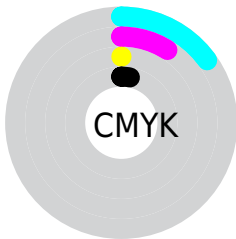
Distribution



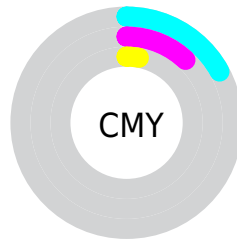
- Red (83%)
- Green (88%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7325, 74.4766, 99.4544 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 70.7325, 74.4766, 99.4544 by changing the saturation by 10% instead.

■ 70.7325, 74.4766,
99.4544

■ 70.7325, 74.4766,
99.4544

452.3442,
476.1166, 579.6737

■ 52.4057, 55.1842,
75.2306

119.2733,
125.5712, 162.4525

■ 37.5541, 39.5492,
55.2990

150.2181,
158.1422, 202.0640

■ 25.8124, 27.1873,
39.2409

186.0995,
195.9082, 247.6417

■ 16.8153, 17.7139,
26.6379

227.2829,
239.2535, 299.6043

■ 10.1974, 10.7448,
17.0715

274.1338,
288.5626, 358.3702

■ 5.5933, 5.8955,
10.1230

327.0173,

■ 2.6377, 2.7816,

344.2199, 424.3581

5.3739

386.2990,
406.6098, 497.9864

■ 0.9652, 1.0188,
2.4057

■ 0.0000, 0.0000,
0.7896

■ 70.7325, 74.4766,
99.4544

■ 70.7325, 74.4766,
99.4544

■ 60.1880, 63.1330,
97.8218

■ 82.7538, 87.1439,
101.2670

■ 51.0536, 53.0582,
96.3586

■ 93.9435, 99.5574,
103.0733

■ 43.2672, 44.2067,
95.0605

■ 36.7592, 36.5268,
93.9211

■ 31.4534, 29.9622,
92.9337

■ 27.2644, 24.4513,
92.0908

■ 24.0942, 19.9248,
91.3841

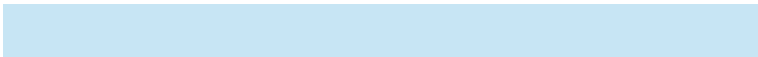
■ 21.8245, 16.3016,
90.8044

■ 20.9334, 14.7572,
90.5533

Harmonies

Analogous

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



67.7929, 74.4766, 96.7592



70.7325, 74.4766, 99.4544



73.7711, 74.4766, 96.9375

Triad

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



70.7325, 74.4766, 99.4544



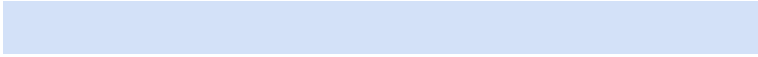
76.1234, 74.4766, 72.9541



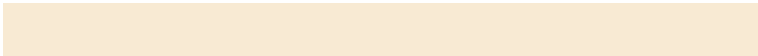
65.7601, 74.4766, 72.6988

Complementary

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



70.7325, 74.4766, 99.4544



79.8927, 83.5052, 73.5370

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.



67.8860, 74.4766, 67.0754



70.7325, 74.4766, 99.4544



73.8696, 74.4766, 67.2151

Square

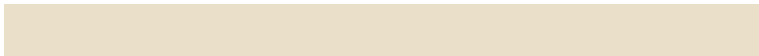
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7325, 74.4766, 99.4544



76.9383, 74.4766, 81.2508



70.8431, 74.4766, 65.1421



64.9741, 74.4766, 80.9341

Rectangle

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



70.7325, 74.4766, 99.4544



75.4316, 74.4766, 92.7403



70.8431, 74.4766, 65.1421



66.3386, 74.4766, 70.4630

Sweetspot

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



70.7347, 74.4797, 99.4561



89.4072, 94.1380, 108.0659



75.2578, 86.9151, 90.5151



18.9160, 19.9190, 23.0977



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.



70.7347, 74.4797, 99.4561



71.6974, 75.4390, 105.3901



68.3566, 67.8626, 98.3042



16.8213, 17.7195, 21.9189



11.4324, 8.2203, 48.9577



1.1573, 0.9583, 4.5671

Inverse Universe

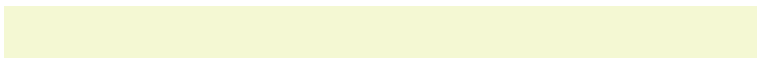
The Inverse Universe completely reimagines the original color for something new.



75.5981, 71.9830, 81.1473



77.8572, 72.4269, 82.1670



82.5251, 91.0158, 74.8480



17.5164, 17.3339, 19.3089



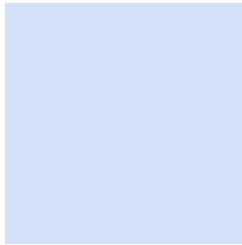
22.0626, 11.2407, 7.0379



2.0931, 1.0610, 0.9136

Previews

White Background



This preview shows how the XYZ color 70.7325, 74.4766, 99.4544 looks on a white background.

Color Contrast Check

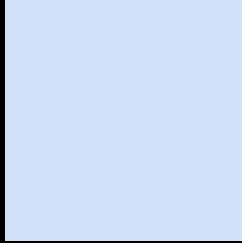
Large Text (above 18pt) WCAG AA × Fail

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 70.7325, 74.4766, 99.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

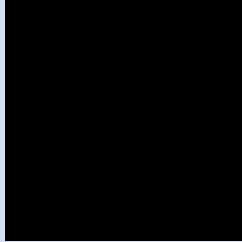
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

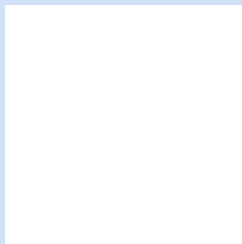
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7325, 74.4766, 99.4544

Background



This preview shows how black text looks on a background with the XYZ color 70.7325, 74.4766, 99.4544.



This preview shows how white text looks on a background with the XYZ color 70.7325, 74.4766,

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

70.7325, 74.4766, 99.4544

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

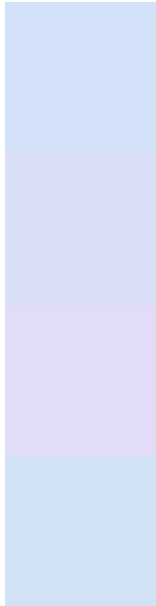
75.7746, 74.3060, 99.9713



Tritanopia

70.1038, 74.6260, 96.2973

Trichromacy



Original Color

70.7325, 74.4766, 99.4544

Protanomaly

71.7914, 74.2425, 98.5421

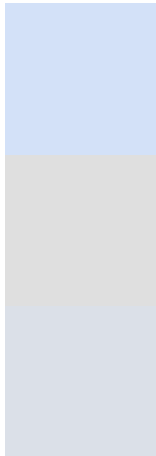
Deuteranomaly

74.0067, 74.5600, 100.1135

Tritanomaly

70.2561, 74.6869, 97.0993

Monochromacy



Original Color

70.7325, 74.4766, 99.4544

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4346, 74.1976, 86.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7325, 74.4766, 99.4544 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(211, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 248)  
}
```

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(211, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 248) }
```

Border

The CSS property to change the border of an element to XYZ 70.7325, 74.4766, 99.4544 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(211, 225, 248) }
```


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

```
.border{ border-color:rgb(211, 225, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7325, 74.4766, 99.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 248) }
```

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

```
.background{ background-color: rgb(211,  
225, 248) }
```

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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