

Converting Colors

XYZ(70.7810, 74.4675, 98.9662)

Have a look what the booklet for
XYZ(70.7810, 74.4675, 98.9662)
contains.

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Color

**XYZ(70.8651, 74.5629,
98.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E1F7
RGB	212, 225, 247
RGB Percent	83%, 88%, 97%
CMY	0.1686, 0.1176, 0.0314
CMYK	0.14, 0.09, 0.00, 0.03
HSL	218°, 69%, 90%
HSV	218°, 14%, 97%
XYZ	70.8651, 74.5629, 98.6528
YIQ	223.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

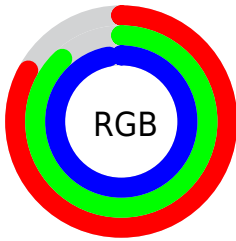
Format	Color
R _Y B	212, 221, 247
Decimal	13951479
CIE Lab	89.19, -0.01, -12.17
CIE LCh	89, 12.171, 269.953
Yxy	74.5629, 0.2903, 0.3055
Android (android.graphics.Color)	4292141559 (0xFFD4E1F7)
YUV	223.6210, 11.5258, -10.1916
Hunter-Lab	86.3498, -4.6217, -7.2927

Details

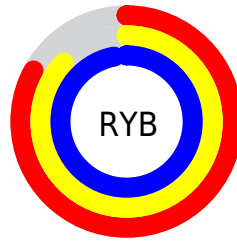
The XYZ color **70.8651, 74.5629, 98.6528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6647, 83.3730, 74.1827**, and the grayscale version is **70.5109, 74.1830, 80.7853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6833, 39.6791, 54.9629** is the 20% darker color. If you saturate the color by 10%, you get **60.2750, 63.1559, 97.0104**, and if you desaturate by 10%, it is **82.9305, 87.3007, 100.4767**.

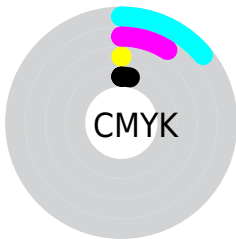
Distribution



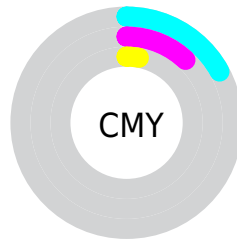
- Red (83%)
- Green (88%)
- Blue (97%)



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



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8651, 74.5629, 98.6528 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 70.8651, 74.5629, 98.6528 by changing the saturation by 10% instead.

■ 70.8651, 74.5629,
98.6528

■ 70.8651, 74.5629,
98.6528

452.8009,
476.4139, 577.0745

■ 52.5143, 55.2549,
74.5653

119.4612,
125.6934, 161.3403

■ 37.6411, 39.6058,
54.7573

150.4371,
158.2847, 200.7774

■ 25.8802, 27.2313,
38.8101

186.3522,
196.0726, 246.1680

■ 16.8662, 17.7470,
26.3054

227.5716,
239.4414, 297.9309

■ 10.2339, 10.7685,
16.8244

274.4609,
288.7755, 356.4844

■ 5.6178, 5.9114,
9.9487

327.3853,

■ 2.6525, 2.7913,

344.4594, 422.2471

5.2598

386.7101,
406.8774, 495.6376

■ 0.9728, 1.0238,
2.3391

■ 0.0000, 0.0000,
0.7530

■ 70.8651, 74.5629,
98.6528

■ 70.8651, 74.5629,
98.6528

■ 60.2750, 63.1559,
97.0104

■ 82.9305, 87.3007,
100.4767

■ 51.0940, 53.0248,
95.5388

■ 93.7887, 99.4955,
102.2583

■ 43.2606, 44.1241,
94.2336

■ 36.7060, 36.4021,
93.0886

■ 31.3548, 29.8026,
92.0968

■ 27.1229, 24.2642,
91.2508

■ 23.9138, 19.7179,
90.5424

■ 21.6119, 16.0836,
89.9623

■ 20.5955, 14.3291,
89.6772

Harmonies

Analogous

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



68.0504, 74.5629, 96.1726



70.8651, 74.5629, 98.6528



73.7577, 74.5629, 96.1877

Triad

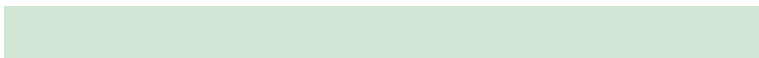
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8651, 74.5629, 98.6528



75.9306, 74.5629, 73.2958



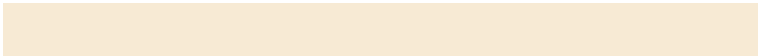
66.0435, 74.5629, 73.2741

Complementary

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



70.8651, 74.5629, 98.6528



79.6647, 83.3730, 74.1827

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.



68.0583, 74.5629, 67.8319



70.8651, 74.5629, 98.6528



73.7661, 74.5629, 67.8438

Square

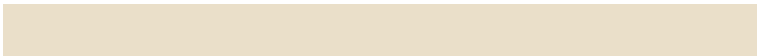
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8651, 74.5629, 98.6528



76.7316, 74.5629, 81.1998



70.8745, 74.5629, 65.9136



65.3144, 74.5629, 81.1729

Rectangle

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



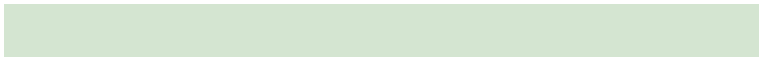
70.8651, 74.5629, 98.6528



75.3292, 74.5629, 92.1637



70.8745, 74.5629, 65.9136



66.5900, 74.5629, 71.1172

Sweetspot

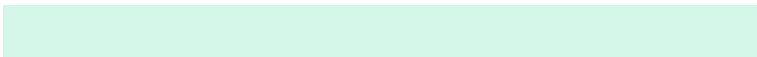
The Sweet Spot groups the original color and five complimentary colors.



70.8673, 74.5660, 98.6545



89.3854, 94.0944, 108.0587



75.2050, 86.4365, 90.2500



18.9105, 19.9080, 23.0959



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.



70.8673, 74.5660, 98.6545



72.7767, 76.5173, 105.5413



68.6770, 68.4156, 97.5828



16.0854, 16.9352, 20.9636



11.0167, 7.8272, 47.4682



1.0633, 0.8779, 4.2037

Inverse Universe

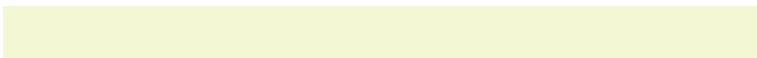
The Inverse Universe completely reimagines the original color for something new.



75.4936, 72.2990, 81.2139



78.6657, 73.7600, 83.3117



82.0791, 90.3162, 75.3956



16.7537, 16.5843, 18.4496



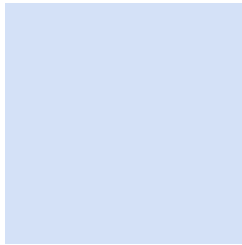
21.3652, 10.8895, 6.6317



1.9257, 0.9763, 0.8354

Previews

White Background



This preview shows how the XYZ color 70.8651, 74.5629, 98.6528 looks on a white background.

Color Contrast Check

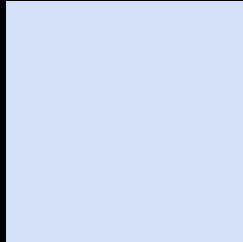
Large Text (above 18pt) WCAG AA × Fail

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 70.8651, 74.5629, 98.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

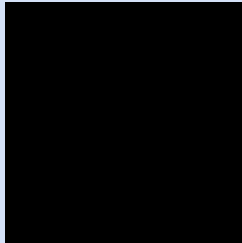
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

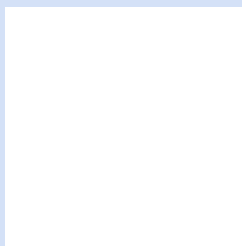
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8651, 74.5629, 98.6528

Background



This preview shows how black text looks on a background with the XYZ color 70.8651, 74.5629, 98.6528.



This preview shows how white text looks on a background with the XYZ color 70.8651, 74.5629,

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

70.8651, 74.5629, 98.6528

Protanopia

72.7269, 74.3647, 96.9069

Deuteranopia

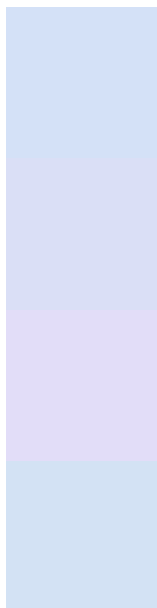
75.9464, 74.4125, 99.1672



Tritanopia

70.2380, 74.7127, 95.5131

Trichromacy



Original Color

70.8651, 74.5629, 98.6528

Protanomaly

71.9357, 74.3346, 97.7454

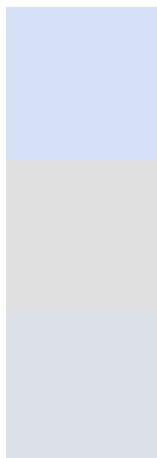
Deuteranomaly

74.1638, 74.6590, 99.3087

Tritanomaly

70.3895, 74.7733, 96.3107

Monochromacy



Original Color

70.8651, 74.5629, 98.6528

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7363, 74.3531, 86.9673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8651, 74.5629, 98.6528 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(212, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 247)  
}
```

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(212, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 247) }
```

Border

The CSS property to change the border of an element to XYZ 70.8651, 74.5629, 98.6528 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(212, 225, 247) }
```


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

```
.border{ border-color:rgb(212, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8651, 74.5629, 98.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 247) }
```

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

```
.background{ background-color: rgb(212,  
225, 247) }
```

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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