

Converting Colors

XYZ(70.6769, 74.9214, 96.3242)

Have a look what the booklet for
XYZ(70.6769, 74.9214, 96.3242)
contains.

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Color

**XYZ(70.6769, 74.9214,
96.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2F4
RGB	212, 226, 244
RGB Percent	83%, 89%, 96%
CMY	0.1686, 0.1137, 0.0431
CMYK	0.13, 0.07, 0.00, 0.04
HSL	214°, 59%, 89%
HSV	214°, 13%, 96%
XYZ	70.6769, 74.9214, 96.3242
YIQ	223.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

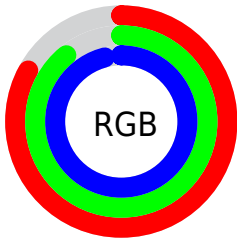
Format	Color
R _Y B	212, 222, 244
Decimal	13951732
CIE Lab	89.36, -1.14, -10.35
CIE LCh	89, 10.408, 263.727
Yxy	74.9214, 0.2921, 0.3097
Android (android.graphics.Color)	4292141812 (0xFFD4E2F4)
YUV	223.8660, 9.9261, -10.4065
Hunter-Lab	86.5571, -5.7236, -5.3902

Details

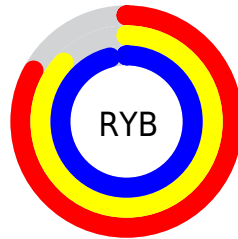
The XYZ color **70.6769, 74.9214, 96.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4893, 80.5800, 73.7583**, and the grayscale version is **70.6963, 74.3780, 80.9976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5446, 39.9248, 53.3044** is the 20% darker color. If you saturate the color by 10%, you get **60.5846, 64.4007, 94.8266**, and if you desaturate by 10%, it is **82.1353, 86.5936, 97.9744**.

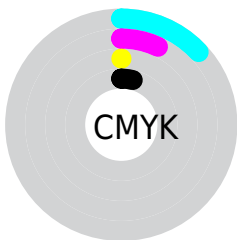
Distribution



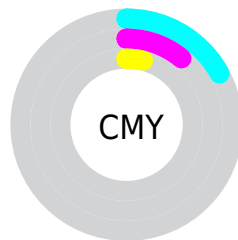
- Red (83%)
- Green (89%)
- Blue (96%)



- Red (83%)
- Yellow (87%)
- Blue (96%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6769, 74.9214, 96.3242 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 70.6769, 74.9214, 96.3242 by changing the saturation by 10% instead.

■ 70.6769, 74.9214,
96.3242

■ 70.6769, 74.9214,
96.3242

452.1526,
477.6474, 569.4879

■ 52.3602, 55.5485,
72.6346

119.1946,
126.2011, 158.1041

■ 37.5177, 39.8410,
53.1873

150.1262,
158.8767, 197.0314

■ 25.7841, 27.4146,
37.5635

185.9935,
196.7553, 241.8751

■ 16.7940, 17.8849,
25.3449

227.1618,
240.2213, 293.0538

■ 10.1821, 10.8674,
16.1129

273.9966,
289.6591, 350.9858

■ 5.5831, 5.9777,
9.4488

326.8630,

■ 2.6315, 2.8315,

345.4531, 416.0898

4.9343

386.1266,
407.9878, 488.7843

■ 0.9620, 1.0444,
2.1507

■ 0.0000, 0.0000,
0.6457

■ 70.6769, 74.9214,
96.3242

■ 70.6769, 74.9214,
96.3242

■ 60.5846, 64.4007,
94.8266

■ 82.1353, 86.5936,
97.9744

■ 51.7972, 54.9839,
93.4721

■ 92.8371, 98.3272,
99.6752

■ 44.2585, 46.6331,
92.2576

■ 93.3294, 99.3117,
99.8393

■ 37.9055, 39.3048,
91.1779

■ 32.6691, 32.9518,
90.2277

■ 28.4723, 27.5222,
89.4008

■ 25.2271, 22.9579,
88.6909

■ 22.8280, 19.1911,
88.0903

■ 21.5634, 16.9998,
87.7340

Harmonies

Analogous

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



68.3529, 74.9214, 93.4120



70.6769, 74.9214, 96.3242



73.1989, 74.9214, 95.0991

Triad

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



70.6769, 74.9214, 96.3242



75.7876, 74.9214, 76.0633



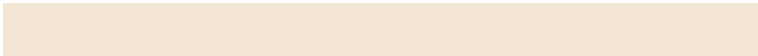
67.3356, 74.9214, 73.5586

Complementary

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



70.6769, 74.9214, 96.3242



77.4893, 80.5800, 73.7583

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.



69.2585, 74.9214, 69.4010



70.6769, 74.9214, 96.3242



74.1468, 74.9214, 70.7858

Square

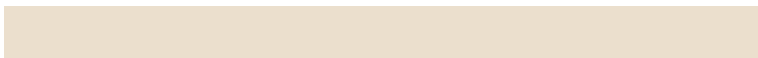
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6769, 74.9214, 96.3242



76.1892, 74.9214, 83.1184



71.7469, 74.9214, 68.4169



66.4536, 74.9214, 80.0541

Rectangle

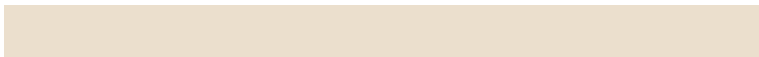
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.6769, 74.9214, 96.3242



74.6489, 74.9214, 92.1353



71.7469, 74.9214, 68.4169



67.8795, 74.9214, 71.8572

Sweetspot

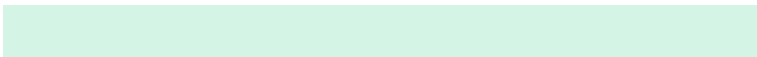
The Sweet Spot groups the original color and five complimentary colors.



70.6791, 74.9245, 96.3259



89.5936, 94.5108, 108.1281



73.7303, 84.3905, 86.9731



18.9631, 20.0133, 23.1134



0.0000, 0.0000, 0.0000



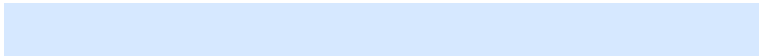
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6791, 74.9245, 96.3259



74.7117, 79.2897, 105.9745



67.4891, 67.8563, 95.1297



16.1778, 17.1199, 20.9944



11.8554, 9.5046, 47.7478



1.1424, 1.0362, 4.2300

Inverse Universe

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



74.5810, 71.8128, 81.8854



79.9103, 75.2837, 86.7034



80.9911, 88.4043, 75.0840



16.8003, 16.6030, 18.6950



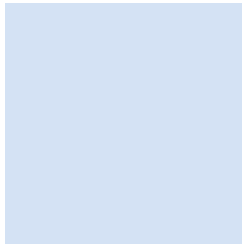
21.7886, 11.0589, 8.8610



1.9657, 0.9922, 1.0457

Previews

White Background



This preview shows how the XYZ color 70.6769, 74.9214, 96.3242 looks on a white background.

Color Contrast Check

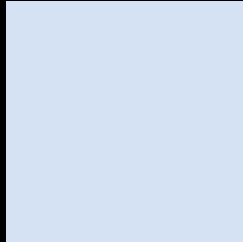
Large Text (above 18pt) WCAG AA × Fail

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 70.6769, 74.9214, 96.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

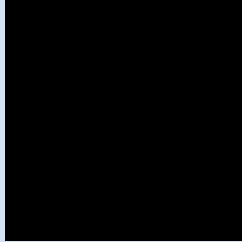
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

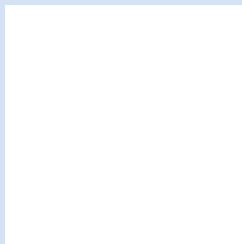
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6769, 74.9214, 96.3242

Background



This preview shows how black text looks on a background with the XYZ color 70.6769, 74.9214, 96.3242.

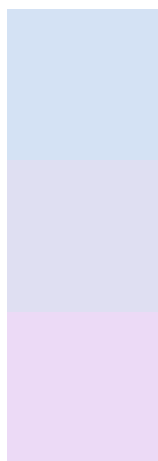


This preview shows how white text looks on a background with the XYZ color 70.6769, 74.9214,

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

70.6769, 74.9214, 96.3242

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

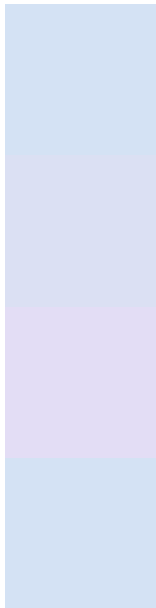
76.2980, 74.6295, 97.5724



Tritanopia

70.6769, 74.9214, 96.3242

Trichromacy



Original Color

70.6769, 74.9214, 96.3242

Protanomaly

72.0467, 74.8424, 95.4428

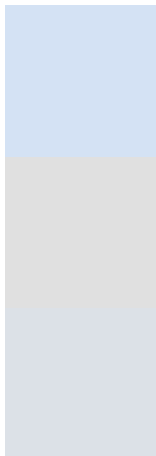
Deuteranomaly

74.0164, 74.6364, 96.8914

Tritanomaly

70.6769, 74.9214, 96.3242

Monochromacy



Original Color

70.6769, 74.9214, 96.3242

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8642, 74.8356, 86.3111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6769, 74.9214, 96.3242 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, 226, 244) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 244)  
}
```

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, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 244) }
```

Border

The CSS property to change the border of an element to XYZ 70.6769, 74.9214, 96.3242 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, 226, 244) }
```


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

```
.border{ border-color:rgb(212, 226, 244) }
```

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

Here you see how a box with a 4 pixel rgb(212, 226, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6769, 74.9214, 96.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 244) }
```

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

```
.background{ background-color: rgb(212,  
226, 244) }
```

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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