

Converting Colors

XYZ(71.5964, 74.0196, 86.1150)

Have a look what the booklet for
XYZ(71.5964, 74.0196, 86.1150)
contains.

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Color

**XYZ(71.5964, 74.0196,
86.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DEE7
RGB	225, 222, 231
RGB Percent	88%, 87%, 91%
CMY	0.1176, 0.1294, 0.0941
CMYK	0.03, 0.04, 0.00, 0.09
HSL	260°, 16%, 89%
HSV	260°, 4%, 91%
XYZ	71.5964, 74.0196, 86.1150
YIQ	223.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

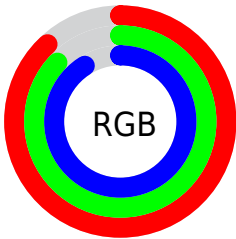
Format	Color
R_{YB}	225, 222, 231
Decimal	14802663
CIE _{Lab}	88.93, 2.65, -4.04
CIE _{LCh}	89, 4.830, 303.246
Y _{xy}	74.0196, 0.3090, 0.3194
Android (android.graphics.Color)	4292992743 (0xFFE1DEE7)
YUV	223.9230, 3.4890, 0.9445
Hunter-Lab	86.0346, -2.0163, 0.8789

Details

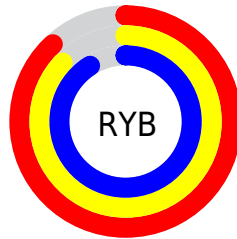
The XYZ color **71.5964, 74.0196, 86.1150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7584, 78.9217, 80.4569**, and the grayscale version is **70.7748, 74.4606, 81.0876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1341, 39.2786, 46.1291** is the 20% darker color. If you saturate the color by 10%, you get **61.2889, 60.2151, 83.9948**, and if you desaturate by 10%, it is **83.1822, 89.7350, 88.5389**.

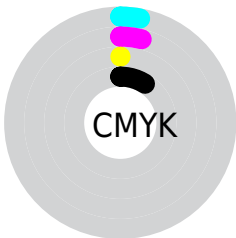
Distribution



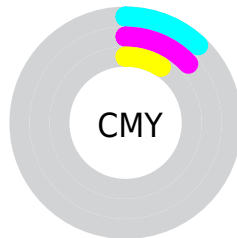
- Red (88%)
- Green (87%)
- Blue (91%)



- Red (88%)
- Yellow (87%)
- Blue (91%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5964, 74.0196, 86.1150 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 71.5964, 74.0196, 86.1150 by changing the saturation by 10% instead.

■ 71.5964, 74.0196,
86.1150

■ 71.5964, 74.0196,
86.1150

455.3151,
474.5410, 535.5508

■ 53.1133, 54.8101,
64.2076

120.4965,
124.9236, 143.8179

■ 38.1211, 39.2497,
46.3716

151.6441,
157.3869, 180.4506

■ 26.2543, 26.9540,
32.1884

187.7441,
195.0368, 222.8287

■ 17.1477, 17.5387,
21.2394

229.1616,
238.2579, 271.3709

■ 10.4358, 10.6193,
13.1062

276.2622,
287.4344, 326.4956

■ 5.7533, 5.8115,
7.3701

329.4110,

■ 2.7349, 2.7308,

342.9509, 388.6215

3.6127

388.9735,
405.1916, 458.1671

■ 1.0152, 0.9929,
1.4154

■ 0.0000, 0.0000,
0.1537

■ 71.5964, 74.0196,
86.1150

■ 71.5964, 74.0196,
86.1150

■ 61.2889, 60.2151,
83.9948

■ 83.1822, 89.7350,
88.5389

■ 52.2078, 48.2382,
82.1617

■ 91.4240, 98.5496,
89.8059

■ 44.3072, 38.0134,
80.6045

■ 37.5356, 29.4562,
79.3097

■ 31.8375, 22.4751,
78.2625

■ 27.1524, 16.9693,
77.4468

■ 23.4131, 12.8261,
76.8441

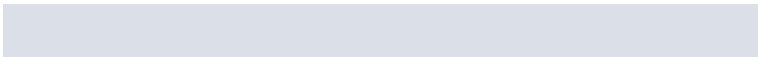
■ 20.5432, 9.9157,
76.4336

■ 18.4520, 8.0813,
76.1898

Harmonies

Analogous

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



70.4811, 74.0196, 87.2131



71.5964, 74.0196, 86.1150



72.3854, 74.0196, 83.5358

Triad

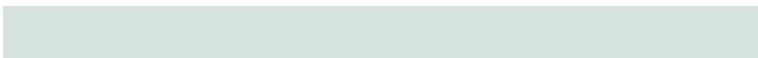
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5964, 74.0196, 86.1150



71.3730, 74.0196, 74.9668



68.1269, 74.0196, 80.9608

Complementary

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



71.5964, 74.0196, 86.1150



73.7584, 78.9217, 80.4569

Split Complementary

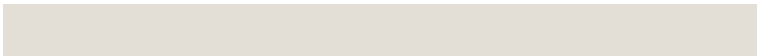
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3598, 74.0196, 77.7236



71.5964, 74.0196, 86.1150



70.2259, 74.0196, 74.3200

Square

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



71.5964, 74.0196, 86.1150



72.2554, 74.0196, 77.1072



69.1249, 74.0196, 75.3156



68.4851, 74.0196, 84.1859

Rectangle

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



71.5964, 74.0196, 86.1150



72.6156, 74.0196, 81.3563



69.1249, 74.0196, 75.3156



68.1387, 74.0196, 79.8380

Sweetspot

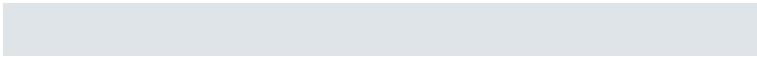
The Sweet Spot groups the original color and five complimentary colors.



71.5985, 74.0228, 86.1166



93.6190, 98.0627, 108.6015



72.3353, 76.8709, 86.6275



20.0534, 21.0099, 23.2483



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.



71.5985, 74.0228, 86.1166



88.0570, 90.5559, 107.4457



72.9723, 74.7310, 86.1809



14.8786, 15.2539, 18.3044



9.9167, 4.1781, 42.6670



0.8285, 0.3581, 3.1574

Inverse Universe

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



73.0825, 74.8363, 83.9956



90.4403, 91.8627, 104.0277



72.3954, 78.2191, 80.3931



15.3359, 15.5046, 17.6473



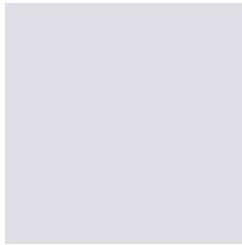
21.8077, 10.8573, 18.4142



1.6542, 0.8194, 1.5854

Previews

White Background



This preview shows how the XYZ color 71.5964, 74.0196, 86.1150 looks on a white background.

Color Contrast Check

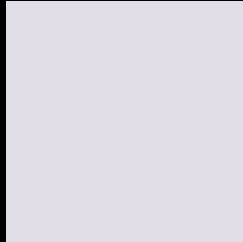
Large Text (above 18pt) WCAG AA × Fail

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 71.5964, 74.0196, 86.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

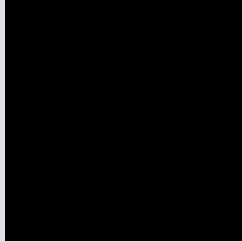
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

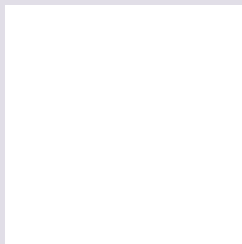
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5964, 74.0196, 86.1150

Background



This preview shows how black text looks on a background with the XYZ color 71.5964, 74.0196, 86.1150.



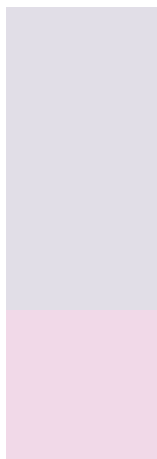
This preview shows how white text looks on a background with the XYZ color 71.5964, 74.0196,

86.1150.

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

71.5964, 74.0196, 86.1150

Protanopia

71.5964, 74.0196, 86.1150

Deuteranopia

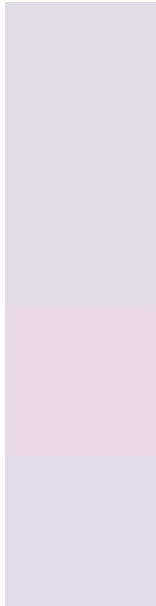
75.6540, 74.1527, 86.6694



Tritanopia

72.6531, 74.0547, 91.3537

Trichromacy



Original Color

71.5964, 74.0196, 86.1150

Protanomaly

71.5964, 74.0196, 86.1150

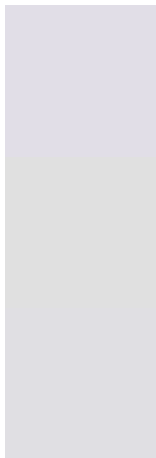
Deuteranomaly

74.1580, 74.1514, 86.7480

Tritanomaly

72.2159, 73.8798, 89.0513

Monochromacy



Original Color

71.5964, 74.0196, 86.1150

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9933, 74.1687, 83.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5964, 74.0196, 86.1150 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(225, 222, 231) looks like.

```
.text, #text, p{  
    color:rgb(225, 222, 231)  
}
```

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(225, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 231) }
```

Border

The CSS property to change the border of an element to XYZ 71.5964, 74.0196, 86.1150 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(225, 222, 231) }
```


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

```
.border{ border-color:rgb(225, 222, 231) }
```

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

Here you see how a box with a 4 pixel rgb(225, 222, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5964, 74.0196, 86.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 222, 231) }
```

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

```
.background{ background-color: rgb(225,  
222, 231) }
```

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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