

Converting Colors

XYZ(74.3205, 76.6480, 88.6850)

Have a look what the booklet for
XYZ(74.3205, 76.6480, 88.6850)
contains.

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Color

**XYZ(74.4096, 76.6139,
88.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1EA
RGB	230, 225, 234
RGB Percent	90%, 88%, 92%
CMY	0.0980, 0.1176, 0.0823
CMYK	0.02, 0.04, 0.00, 0.08
HSL	273°, 18%, 90%
HSV	273°, 4%, 92%
XYZ	74.4096, 76.6139, 88.7081
YIQ	227.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

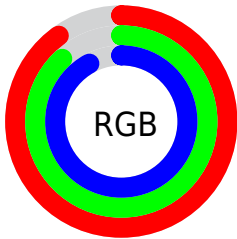
Format	Color
R _Y B	230, 225, 234
Decimal	15131114
CIE Lab	90.14, 3.31, -3.79
CIE LCh	90, 5.029, 311.117
Yxy	76.6139, 0.3104, 0.3196
Android (android.graphics.Color)	4293321194 (0xFFE6E1EA)
YUV	227.5210, 3.1941, 2.1741
Hunter-Lab	87.5294, -1.4317, 1.1821

Details

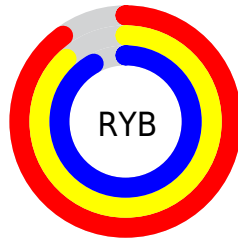
The XYZ color **74.4096, 76.6139, 88.7081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3294, 80.9420, 82.8911**, and the grayscale version is **73.3723, 77.1934, 84.0636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0898, 41.0778, 47.9353** is the 20% darker color. If you saturate the color by 10%, you get **65.2729, 63.1495, 86.5919**, and if you desaturate by 10%, it is **84.6169, 91.9215, 91.1259**.

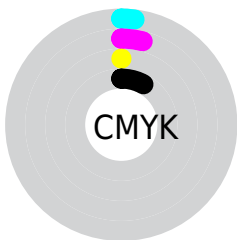
Distribution



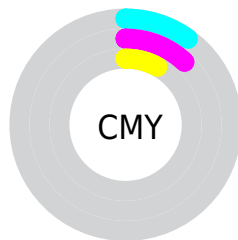
- Red (90%)
- Green (88%)
- Blue (92%)



- Red (90%)
- Yellow (88%)
- Blue (92%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4096, 76.6139, 88.7081 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 74.4096, 76.6139, 88.7081 by changing the saturation by 10% instead.

■ 74.4096, 76.6139,
88.7081

■ 74.4096, 76.6139,
88.7081

464.9143,
483.4466, 544.2806

■ 55.4218, 56.9360,
66.3420

124.4687,
128.5943, 147.4624

■ 39.9747, 40.9539,
48.0918

156.2706,
161.6657, 184.6876

■ 27.7030, 28.2831,
33.5391

193.0747,
199.9703, 227.7030

■ 18.2412, 18.5391,
22.2653

235.2463,
243.8926, 276.9270

■ 11.2240, 11.3378,
13.8518

283.1507,
293.8170, 332.7783

■ 6.2861, 6.2945,
7.8801

337.1533,

■ 3.0621, 3.0250,

350.1279, 395.6752

3.9316

397.6194,
413.2096, 466.0365

■ 1.1867, 1.1448,
1.5879

■ 0.0958, 0.0159,
0.2822

■ 74.4096, 76.6139,
88.7081

■ 74.4096, 76.6139,
88.7081

■ 65.2729, 63.1495,
86.5919

■ 84.6169, 91.9215,
91.1259

■ 57.1617, 51.4465,
84.7605

■ 90.3270, 97.9347,
91.9856

■ 50.0374, 41.4315,
83.2029

■ 91.8515, 98.7206,
92.0570

■ 43.8559, 33.0223,
81.9056

■ 38.5698, 26.1292,
80.8537

■ 34.1269, 20.6537,
80.0310

■ 30.4690, 16.4851,
79.4192

■ 27.5290, 13.4957,
78.9971

■ 25.2261, 11.5302,
78.7391

Harmonies

Analogous

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



73.2831, 76.6139, 90.3506



74.4096, 76.6139, 88.7081



75.1148, 76.6139, 85.6649

Triad

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



74.4096, 76.6139, 88.7081



73.5991, 76.6139, 77.0808



70.4885, 76.6139, 84.7524

Complementary

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



74.4096, 76.6139, 88.7081



75.3294, 80.9420, 82.8911

Split Complementary

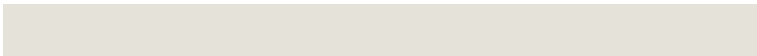
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.5709, 76.6139, 81.2137



74.4096, 76.6139, 88.7081



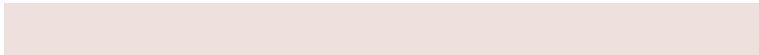
72.3572, 76.6139, 76.8523

Square

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



74.4096, 76.6139, 88.7081



74.6432, 76.6139, 78.9787



71.2517, 76.6139, 78.3454



71.0252, 76.6139, 88.0237

Rectangle

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



74.4096, 76.6139, 88.7081



75.2463, 76.6139, 83.2856



71.2517, 76.6139, 78.3454



70.4449, 76.6139, 83.5536

Sweetspot

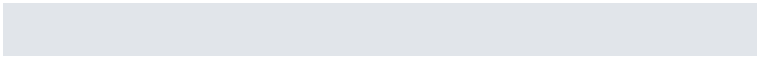
The Sweet Spot groups the original color and five complimentary colors.



74.4118, 76.6172, 88.7098



93.8260, 98.1694, 108.6112



73.9387, 78.0173, 89.0050



20.0955, 21.0316, 23.2503



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.



74.4118, 76.6172, 88.7098



89.0616, 91.0738, 107.4927



75.6458, 77.2608, 88.4306



15.7945, 16.0888, 19.1952



13.6621, 6.0790, 44.1963



1.1832, 0.5343, 3.4756

Inverse Universe

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



75.0025, 77.0035, 85.0428



89.9973, 91.6855, 101.6948



74.1291, 80.3161, 83.1557



15.9835, 16.2123, 18.0254



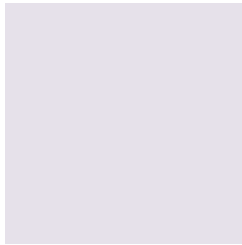
20.5343, 10.4164, 8.6152



1.6602, 0.8370, 0.9279

Previews

White Background



This preview shows how the XYZ color 74.4096, 76.6139, 88.7081 looks on a white background.

Color Contrast Check

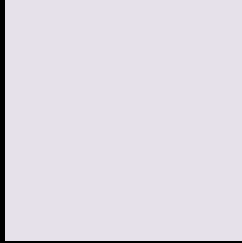
Large Text (above 18pt) WCAG AA × Fail

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 74.4096, 76.6139, 88.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

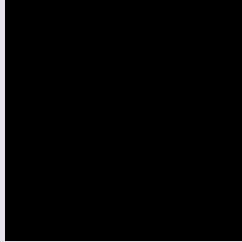
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

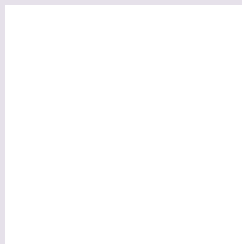
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4096, 76.6139, 88.7081

Background



This preview shows how black text looks on a background with the XYZ color 74.4096, 76.6139, 88.7081.



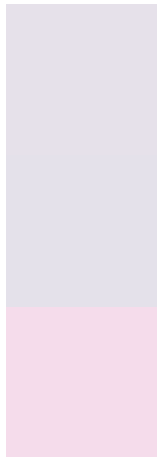
This preview shows how white text looks on a background with the XYZ color 74.4096, 76.6139,

88.7081.

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

74.4096, 76.6139, 88.7081

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

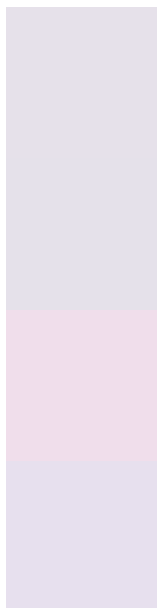
78.2448, 76.5970, 89.2580



Tritanopia

75.4878, 76.6511, 94.0356

Trichromacy



Original Color

74.4096, 76.6139, 88.7081

Protanomaly

74.0896, 76.4490, 88.6931

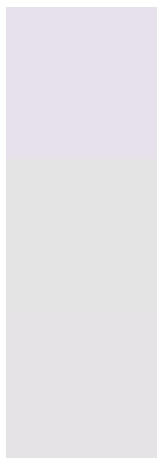
Deuteranomaly

77.0519, 76.7660, 89.3535

Tritanomaly

75.0433, 76.4733, 91.6945

Monochromacy



Original Color

74.4096, 76.6139, 88.7081

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0651, 77.3094, 85.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4096, 76.6139, 88.7081 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(230, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 234)  
}
```

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(230, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.4096, 76.6139, 88.7081 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(230, 225, 234) }
```


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

```
.border{ border-color:rgb(230, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4096, 76.6139, 88.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 234) }
```

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

```
.background{ background-color: rgb(230,  
225, 234) }
```

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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