

Converting Colors

XYZ(74.5165, 78.6846, 88.8104)

Have a look what the booklet for
XYZ(74.5165, 78.6846, 88.8104)
contains.

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Color

**XYZ(74.5121, 78.7029,
89.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6EA
RGB	226, 230, 234
RGB Percent	89%, 90%, 92%
CMY	0.1137, 0.0980, 0.0823
CMYK	0.03, 0.02, 0.00, 0.08
HSL	210°, 16%, 90%
HSV	210°, 3%, 92%
XYZ	74.5121, 78.7029, 89.1059
YIQ	229.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

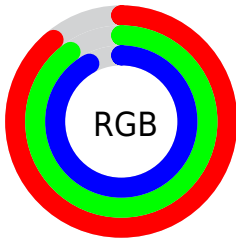
Format	Color
R_{YB}	226, 229, 234
Decimal	14870250
CIE Lab	91.10, -0.60, -2.42
CIE LCh	91, 2.493, 256.007
Yxy	78.7029, 0.3075, 0.3248
Android (android.graphics.Color)	4293060330 (0xFFE2E6EA)
YUV	229.2600, 2.3368, -2.8590
Hunter-Lab	88.7147, -5.3272, 2.5488

Details

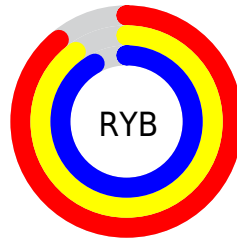
The XYZ color **74.5121, 78.7029, 89.1059** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9561, 79.5761, 83.3090**, and the grayscale version is **74.6547, 78.5426, 85.5329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1604, 42.5322, 48.2123** is the 20% darker color. If you saturate the color by 10%, you get **64.5253, 68.8884, 87.7391**, and if you desaturate by 10%, it is **85.7230, 89.4766, 90.5958**.

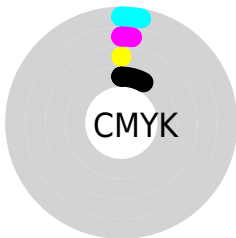
Distribution



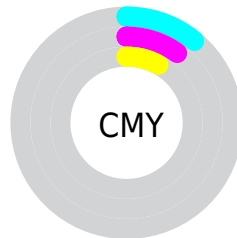
- Red (89%)
- Green (90%)
- Blue (92%)



- Red (89%)
- Yellow (90%)
- Blue (92%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5121, 78.7029, 89.1059 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 74.5121, 78.7029, 89.1059 by changing the saturation by 10% instead.

■ 74.5121, 78.7029,
89.1059

■ 74.5121, 78.7029,
89.1059

465.2620,
490.5507, 545.6129

■ 55.5060, 58.6516,
66.6698

124.6131,
131.5405, 148.0205

■ 40.0425, 42.3327,
48.3564

156.4387,
165.0956, 185.3360

■ 27.7560, 29.3619,
33.7472

193.2683,
203.9207, 228.4485

■ 18.2813, 19.3548,
22.4237

235.4671,
248.4003, 277.7763

■ 11.2531, 11.9269,
13.9673

283.4005,
298.9186, 333.7382

■ 6.3059, 6.6939,
7.9594

337.4339,

■ 3.0744, 3.2714,

355.8602, 396.7525

3.9816

397.9326,
419.6095, 467.2379

■ 1.1932, 1.2750,
1.6152

■ 0.1010, 0.1217,
0.3017

■ 74.5121, 78.7029,
89.1059

■ 74.5121, 78.7029,
89.1059

■ 64.5253, 68.8884,
87.7391

■ 85.7230, 89.4766,
90.5958

■ 55.7112, 59.9938,
86.4868

■ 91.3378, 97.6933,
91.8858

■ 48.0248, 51.9916,
85.3473

■ 91.8515, 98.7206,
92.0570

■ 41.4152, 44.8488,
84.3170

■ 35.8275, 38.5302,
83.3919

■ 31.2013, 32.9976,
82.5678

■ 27.4695, 28.2088,
81.8402

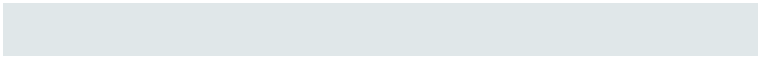
■ 24.5547, 24.1161,
81.2038

■ 22.3642, 20.6638,
80.6529

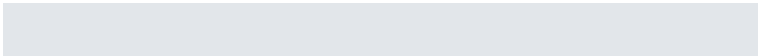
Harmonies

Analogous

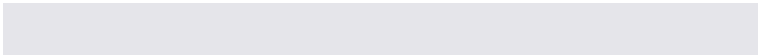
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9662, 78.7029, 88.2152



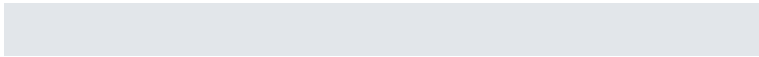
74.5121, 78.7029, 89.1059



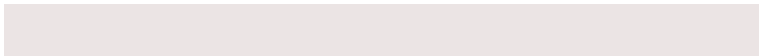
75.1394, 78.7029, 89.0735

Triad

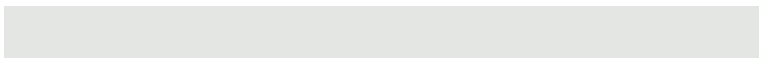
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5121, 78.7029, 89.1059



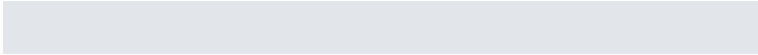
75.9756, 78.7029, 84.7407



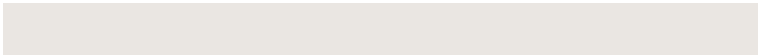
73.9363, 78.7029, 83.3061

Complementary

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



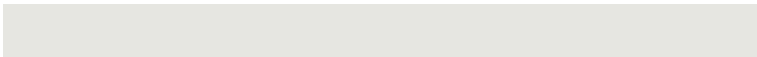
74.5121, 78.7029, 89.1059



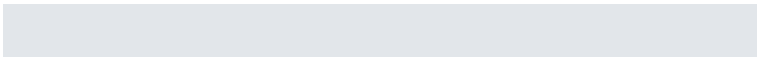
75.9561, 79.5761, 83.3090

Split Complementary

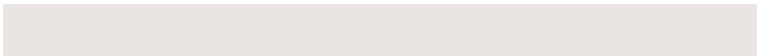
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4711, 78.7029, 82.4012



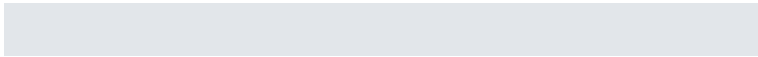
74.5121, 78.7029, 89.1059



75.6496, 78.7029, 83.2215

Square

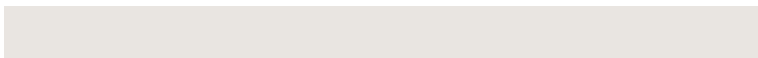
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5121, 78.7029, 89.1059



75.9868, 78.7029, 86.5360



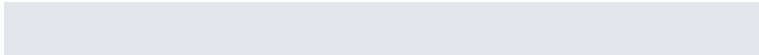
75.0982, 78.7029, 82.3705



73.6351, 78.7029, 84.8576

Rectangle

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



74.5121, 78.7029, 89.1059



75.5194, 78.7029, 88.5323



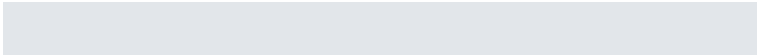
75.0982, 78.7029, 82.3705



74.0946, 78.7029, 82.9172

Sweetspot

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



74.5144, 78.7063, 89.1076



93.7130, 98.7095, 108.7214



75.0522, 80.7213, 86.3910



20.0726, 21.1415, 23.2727



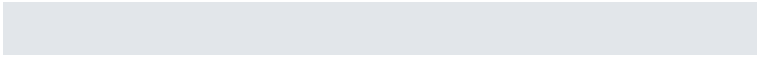
0.0000, 0.0000, 0.0000



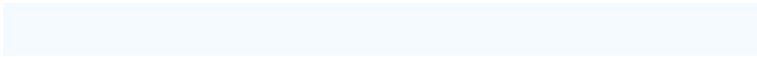
20.3446, 21.4041, 23.3091

Same Dimension

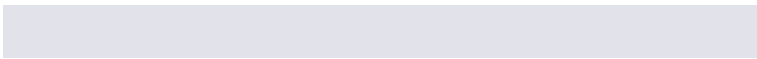
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5144, 78.7063, 89.1076



89.7925, 94.9087, 108.1944



73.4491, 76.5757, 88.7525



15.8981, 16.8176, 19.3304



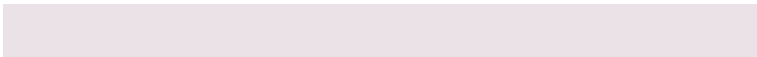
12.0536, 10.7543, 45.1835



1.0427, 1.0369, 3.5801

Inverse Universe

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



75.4127, 77.5997, 85.8705



91.0723, 93.3400, 103.5807



77.0452, 81.7544, 83.6721



16.1669, 16.4901, 18.3612



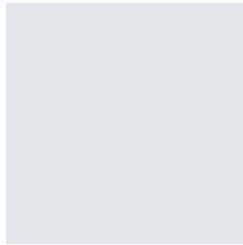
20.9394, 10.5785, 10.7483



1.6928, 0.8501, 1.0997

Previews

White Background



This preview shows how the XYZ color 74.5121, 78.7029, 89.1059 looks on a white background.

Color Contrast Check

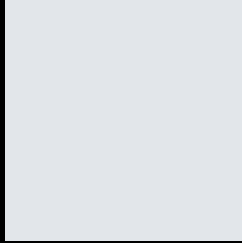
Large Text (above 18pt) WCAG AA × Fail

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 74.5121, 78.7029, 89.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

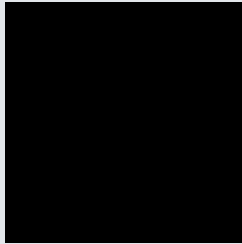
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

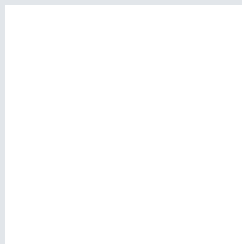
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5121, 78.7029, 89.1059

Background



This preview shows how black text looks on a background with the XYZ color 74.5121, 78.7029, 89.1059.



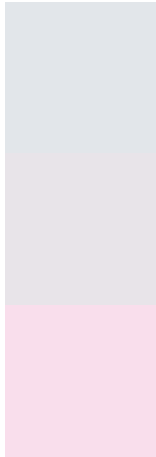
This preview shows how white text looks on a background with the XYZ color 74.5121, 78.7029, 89.1059.

89.1059.

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

74.5121, 78.7029, 89.1059

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

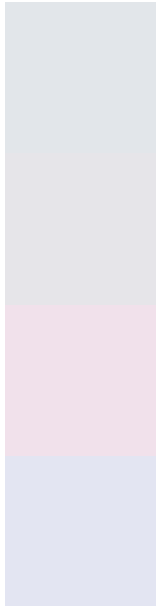
80.3285, 78.4384, 90.2632



Tritanopia

76.3729, 78.6346, 98.3415

Trichromacy



Original Color

74.5121, 78.7029, 89.1059

Protanomaly

75.3604, 78.7448, 88.3181

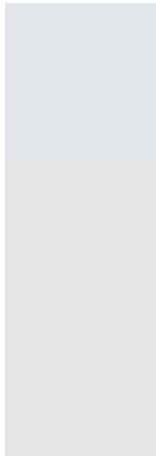
Deuteranomaly

78.1962, 78.5494, 89.6374

Tritanomaly

75.7249, 78.7803, 95.2194

Monochromacy



Original Color

74.5121, 78.7029, 89.1059

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4380, 78.3021, 86.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5121, 78.7029, 89.1059 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(226, 230, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 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(226, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.5121, 78.7029, 89.1059 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(226, 230, 234) }
```


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

```
.border{ border-color:rgb(226, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5121, 78.7029, 89.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 234) }
```

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

```
.background{ background-color: rgb(226,  
230, 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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