

Converting Colors

XYZ(74.2783, 79.3668, 91.5412)

Have a look what the booklet for
XYZ(74.2783, 79.3668, 91.5412)
contains.

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Color

**XYZ(74.2669, 79.3572,
91.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE8ED
RGB	222, 232, 237
RGB Percent	87%, 91%, 93%
CMY	0.1294, 0.0902, 0.0706
CMYK	0.06, 0.02, 0.00, 0.07
HSL	200°, 29%, 90%
HSV	200°, 6%, 93%
XYZ	74.2669, 79.3572, 91.5240
YIQ	229.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

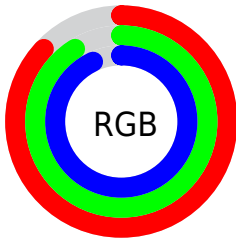
Format	Color
RYB	222, 228, 237
Decimal	14608621
CIELab	91.40, -2.38, -3.59
CIELCh	91, 4.306, 236.372
Yxy	79.3572, 0.3029, 0.3237
Android (android.graphics.Color)	4292798701 (0xFFDEE8ED)
YUV	229.5800, 3.6581, -6.6477
Hunter-Lab	89.0827, -7.0818, 1.4430

Details

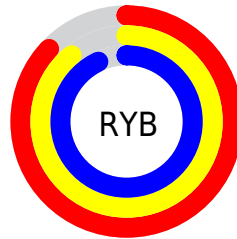
The XYZ color **74.2669, 79.3572, 91.5240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5794, 78.2162, 80.2224**, and the grayscale version is **74.8832, 78.7830, 85.7947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8022, 42.6024, 49.8413** is the 20% darker color. If you saturate the color by 10%, you get **65.3400, 71.5320, 90.4853**, and if you desaturate by 10%, it is **84.3186, 87.9148, 92.6472**.

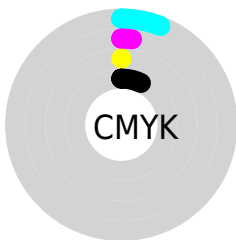
Distribution



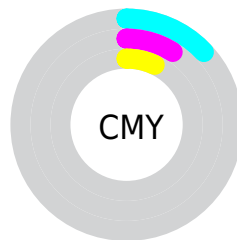
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2669, 79.3572, 91.5240 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 74.2669, 79.3572, 91.5240 by changing the saturation by 10% instead.

■ 74.2669, 79.3572,
91.5240

■ 74.2669, 79.3572,
91.5240

464.4301,
492.7639, 553.6735

■ 55.3046, 59.1895,
68.6645

124.2676,
132.4616, 151.4075

■ 39.8804, 42.7657,
49.9685

156.0366,
166.1671, 189.2685

■ 27.6291, 29.7013,
35.0173

192.8052,
205.1541, 232.9672

■ 18.1853, 19.6120,
23.3926

234.9389,
249.8069, 282.9220

■ 11.1836, 12.1133,
14.6756

282.8028,
300.5098, 339.5515

■ 6.2587, 6.8209,
8.4480

336.7624,

■ 3.0451, 3.3503,

357.6474, 403.2742

4.2911

397.1831,
421.6040, 474.5087

■ 1.1777, 1.3173,
1.7863

■ 0.0886, 0.1545,
0.4189

■ 74.2669, 79.3572,
91.5240

■ 74.2669, 79.3572,
91.5240

■ 65.3400, 71.5320,
90.4853

■ 84.3186, 87.9148,
92.6472

■ 57.4874, 64.4048,
89.5235

■ 90.0306, 94.3831,
93.5947

■ 50.6648, 57.9529,
88.6377

■ 92.2863, 98.8945,
94.3466

■ 44.8219, 52.1483,
87.8253

■ 39.9041, 46.9610,
87.0832

■ 35.8509, 42.3575,
86.4083

■ 32.5941, 38.3007,
85.7969

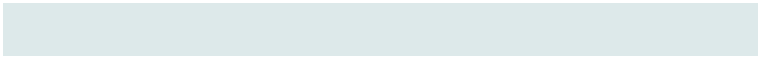
■ 30.0541, 34.7473,
85.2449

■ 28.1318, 31.6439,
84.7472

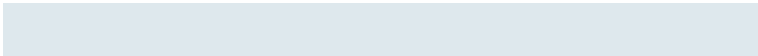
Harmonies

Analogous

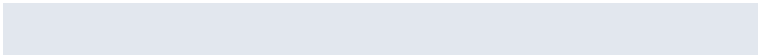
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5564, 79.3572, 89.1121



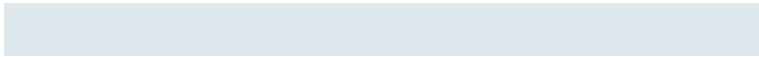
74.2669, 79.3572, 91.5240



75.2935, 79.3572, 92.5637

Triad

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



74.2669, 79.3572, 91.5240



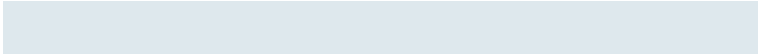
77.5470, 79.3572, 86.7885



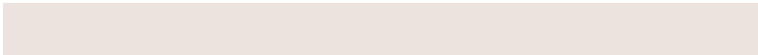
74.4955, 79.3572, 81.1171

Complementary

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



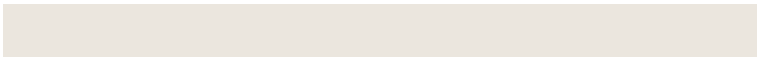
74.2669, 79.3572, 91.5240



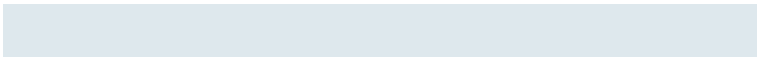
75.5794, 78.2162, 80.2224

Split Complementary

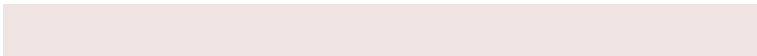
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5599, 79.3572, 80.5286



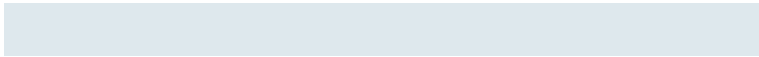
74.2669, 79.3572, 91.5240



77.3283, 79.3572, 83.7562

Square

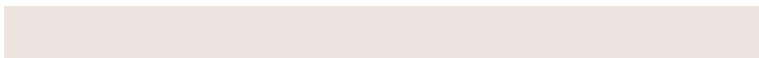
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



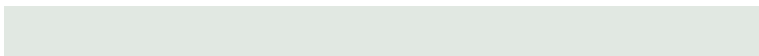
74.2669, 79.3572, 91.5240



77.1930, 79.3572, 89.7883



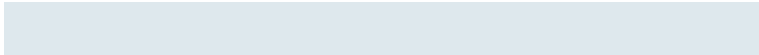
76.5984, 79.3572, 81.4834



73.6875, 79.3572, 83.1107

Rectangle

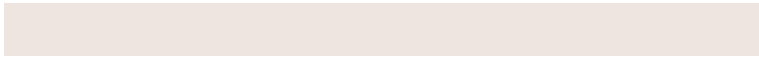
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2669, 79.3572, 91.5240



76.0215, 79.3572, 92.3206



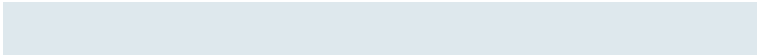
76.5984, 79.3572, 81.4834



74.8348, 79.3572, 80.7505

Sweetspot

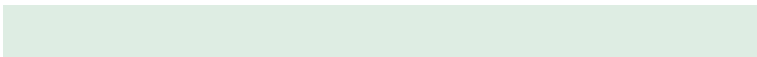
The Sweet Spot groups the original color and five complimentary colors.



74.2692, 79.3606, 91.5257



92.6589, 97.9664, 108.6335



74.2404, 81.6316, 84.3372



19.8579, 20.9902, 23.2548



0.0000, 0.0000, 0.0000



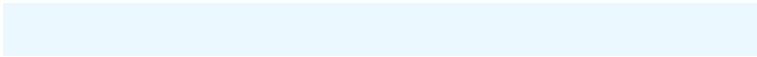
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2692, 79.3606, 91.5257



85.8094, 92.0748, 107.8573



72.2693, 75.3608, 90.8591



15.0705, 16.2274, 19.2601



15.1515, 16.9501, 46.2161



1.2775, 1.5065, 3.6583

Inverse Universe

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



75.6136, 76.0749, 87.0464



87.8090, 87.2379, 101.1840



77.6052, 82.2679, 80.8977



15.4891, 15.2235, 17.8610



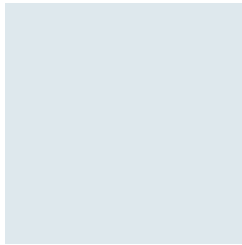
22.5031, 11.2039, 18.9825



1.8113, 0.8975, 1.7239

Previews

White Background



This preview shows how the XYZ color 74.2669, 79.3572, 91.5240 looks on a white background.

Color Contrast Check

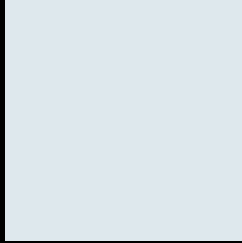
Large Text (above 18pt) WCAG AA × Fail

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 74.2669, 79.3572, 91.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

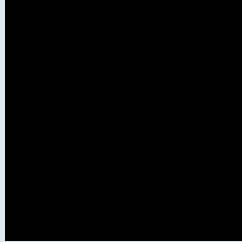
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

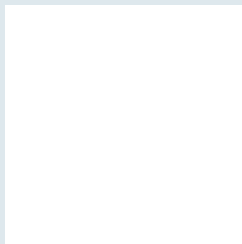
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2669, 79.3572, 91.5240

Background



This preview shows how black text looks on a background with the XYZ color 74.2669, 79.3572, 91.5240.



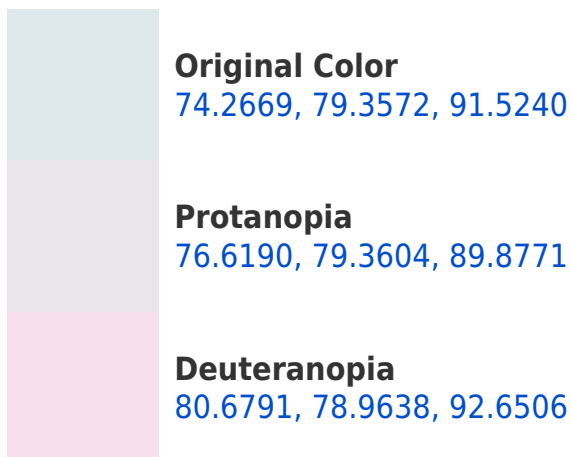
This preview shows how white text looks on a background with the XYZ color 74.2669, 79.3572,

91.5240.

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

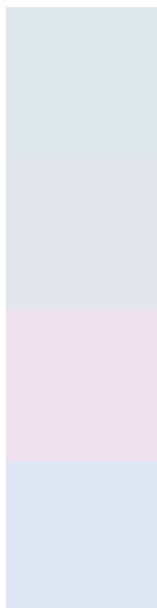




Tritanopia

75.9806, 79.2182, 100.0930

Trichromacy



Original Color

74.2669, 79.3572, 91.5240

Protanomaly

75.7502, 79.3078, 90.6723

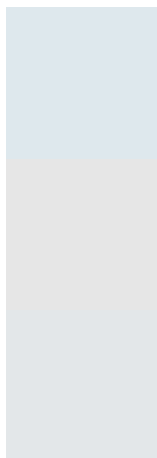
Deuteranomaly

78.2256, 78.9165, 91.9984

Tritanomaly

75.3365, 79.3715, 96.9375

Monochromacy



Original Color

74.2669, 79.3572, 91.5240

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9624, 79.3659, 88.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2669, 79.3572, 91.5240 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(222, 232, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 237)  
}
```

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(222, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.2669, 79.3572, 91.5240 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(222, 232, 237) }
```


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

```
.border{ border-color:rgb(222, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2669, 79.3572, 91.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 237) }
```

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

```
.background{ background-color: rgb(222,  
232, 237) }
```

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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