

Converting Colors

XYZ(74.4400, 79.0128, 92.2165)

Have a look what the booklet for
XYZ(74.4400, 79.0128, 92.2165)
contains.

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Color

**XYZ(74.4400, 79.0128,
92.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7EE
RGB	223, 231, 238
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0941, 0.0667
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 31%, 90%
HSV	208°, 6%, 93%
XYZ	74.4400, 79.0128, 92.2165
YIQ	229.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

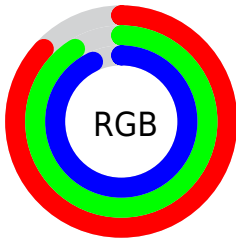
Format	Color
R _Y B	223, 228, 238
Decimal	14673902
CIE Lab	91.24, -1.36, -4.33
CIE LCh	91, 4.536, 252.599
Yxy	79.0128, 0.3030, 0.3216
Android (android.graphics.Color)	4292863982 (0xFFDFE7EE)
YUV	229.4060, 4.2368, -5.6181
Hunter-Lab	88.8891, -6.0716, 0.7130

Details

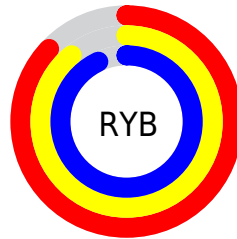
The XYZ color **74.4400, 79.0128, 92.2165** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8764, 80.0981, 81.2222**, and the grayscale version is **74.7505, 78.6434, 85.6426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9219, 42.3622, 50.3286** is the 20% darker color. If you saturate the color by 10%, you get **64.6076, 69.4787, 90.8957**, and if you desaturate by 10%, it is **85.5048, 89.4791, 93.6547**.

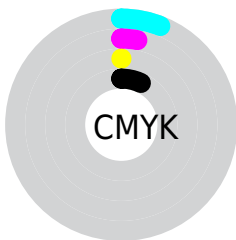
Distribution



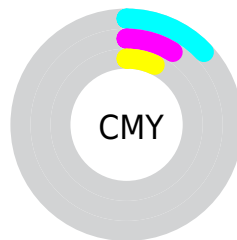
- Red (87%)
- Green (91%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4400, 79.0128, 92.2165 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 74.4400, 79.0128, 92.2165 by changing the saturation by 10% instead.

■ 74.4400, 79.0128,
92.2165

■ 74.4400, 79.0128,
92.2165

465.0175,
491.5996, 555.9700

■ 55.4468, 58.9063,
69.2364

124.5115,
131.9769, 152.3757

■ 39.9948, 42.5377,
50.4313

156.3205,
165.6033, 190.3919

■ 27.7187, 29.5226,
35.3827

193.1321,
204.5051, 234.2573

■ 18.2531, 19.4765,
23.6719

235.3118,
249.0668, 284.3903

■ 11.2326, 12.0151,
14.8805

283.2248,
299.6727, 341.2096

■ 6.2920, 6.7540,
8.5898

337.2365,

■ 3.0658, 3.3087,

356.7072, 405.1336

4.3815

397.7123,
420.5547, 476.5809

■ 1.1886, 1.2949,
1.8369

■ 0.0974, 0.1373,
0.4521

■ 74.4400, 79.0128,
92.2165

■ 74.4400, 79.0128,
92.2165

■ 64.6076, 69.4787,
90.8957

■ 85.5048, 89.4791,
93.6547

■ 55.9543, 60.8375,
89.6838

■ 91.8639, 97.8152,
94.9286

■ 48.4330, 53.0616,
88.5793

■ 92.4328, 98.9531,
95.1183

■ 41.9905, 46.1177,
87.5786

■ 36.5689, 39.9702,
86.6778

■ 32.1046, 34.5802,
85.8727

■ 28.5257, 29.9045,
85.1588

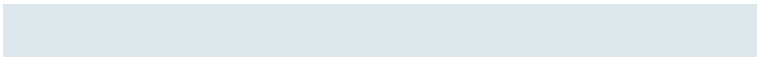
■ 25.7491, 25.8934,
84.5309

■ 23.6716, 22.4871,
83.9829

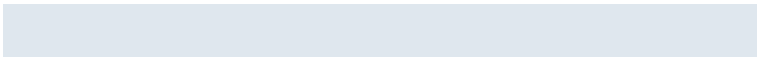
Harmonies

Analogous

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



73.4835, 79.0128, 90.3891



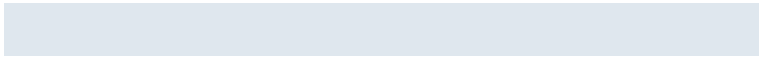
74.4400, 79.0128, 92.2165



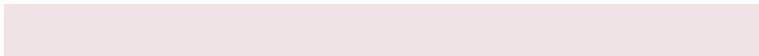
75.5826, 79.0128, 92.3604

Triad

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



74.4400, 79.0128, 92.2165



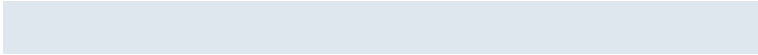
77.2778, 79.0128, 84.6577



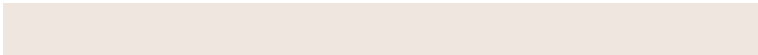
73.6127, 79.0128, 81.4540

Complementary

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



74.4400, 79.0128, 92.2165



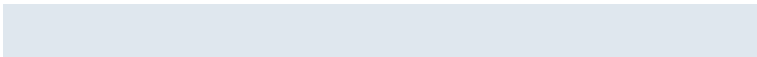
76.8764, 80.0981, 81.2222

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.



74.6181, 79.0128, 79.9985



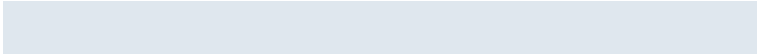
74.4400, 79.0128, 92.2165



76.7386, 79.0128, 81.8163

Square

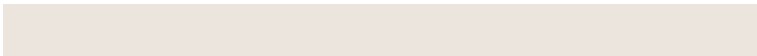
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4400, 79.0128, 92.2165



77.2290, 79.0128, 87.9392



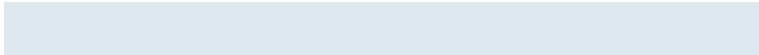
75.7625, 79.0128, 80.1294



73.0092, 79.0128, 84.1516

Rectangle

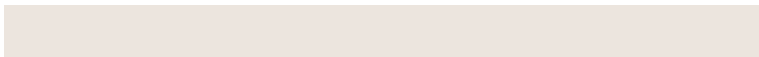
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4400, 79.0128, 92.2165



76.2968, 79.0128, 91.4772



75.7625, 79.0128, 80.1294



73.9144, 79.0128, 80.8063

Sweetspot

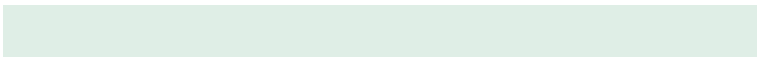
The Sweet Spot groups the original color and five complimentary colors.



74.4423, 79.0161, 92.2182



92.4443, 97.5371, 108.5619



75.2552, 82.5375, 86.6453



19.8142, 20.9028, 23.2403



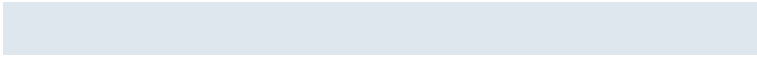
0.0000, 0.0000, 0.0000



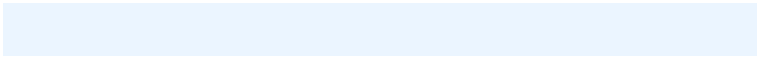
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4423, 79.0161, 92.2182



84.9782, 90.4125, 107.5803



72.4540, 75.0396, 91.5555



15.5956, 16.6254, 20.1087



12.9738, 12.1719, 46.7935



1.1788, 1.2116, 3.9260

Inverse Universe

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



76.0732, 76.7237, 86.4048



87.3894, 87.0701, 98.9748



78.9371, 84.2194, 81.9091



16.1253, 15.8998, 18.2163



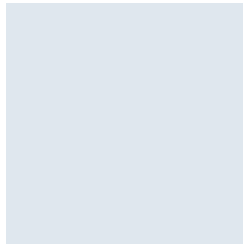
21.8742, 11.0221, 12.5200



1.8700, 0.9370, 1.3061

Previews

White Background



This preview shows how the XYZ color 74.4400, 79.0128, 92.2165 looks on a white background.

Color Contrast Check

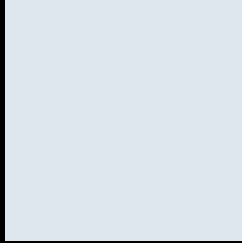
Large Text (above 18pt) WCAG AA × Fail

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 74.4400, 79.0128, 92.2165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

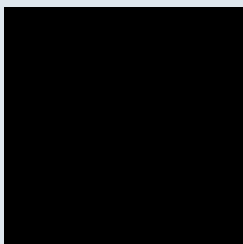
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

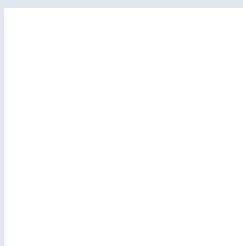
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4400, 79.0128, 92.2165

Background



This preview shows how black text looks on a background with the XYZ color 74.4400, 79.0128, 92.2165.

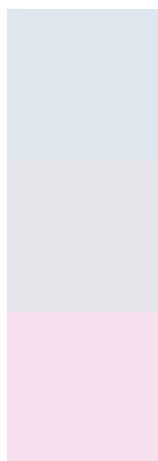


This preview shows how white text looks on a background with the XYZ color 74.4400, 79.0128,

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

74.4400, 79.0128, 92.2165

Protanopia

76.1624, 78.6987, 90.5331

Deuteranopia

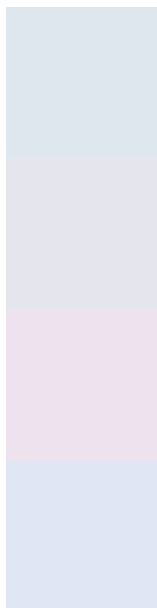
80.4736, 78.8408, 93.4145



Tritanopia

76.0139, 78.8235, 100.0150

Trichromacy



Original Color

74.4400, 79.0128, 92.2165

Protanomaly

75.6185, 78.8111, 91.3473

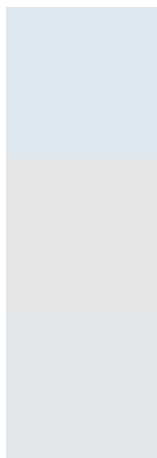
Deuteranomaly

78.0362, 78.8019, 92.7587

Tritanomaly

75.3664, 78.9726, 96.8589

Monochromacy



Original Color

74.4400, 79.0128, 92.2165

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5409, 78.7507, 87.6156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4400, 79.0128, 92.2165 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(223, 231, 238) looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 238)  
}
```

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(223, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.4400, 79.0128, 92.2165 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(223, 231, 238) }
```


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

```
.border{ border-color:rgb(223, 231, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4400, 79.0128, 92.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 238) }
```

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

```
.background{ background-color: rgb(223,  
231, 238) }
```

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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