

Converting Colors

XYZ(73.7471, 78.2806, 91.2154)

Have a look what the booklet for
XYZ(73.7471, 78.2806, 91.2154)
contains.

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Color

**XYZ(73.7071, 78.2376,
91.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6ED
RGB	222, 230, 237
RGB Percent	87%, 90%, 93%
CMY	0.1294, 0.0980, 0.0706
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 29%, 90%
HSV	208°, 6%, 93%
XYZ	73.7071, 78.2376, 91.3374
YIQ	228.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

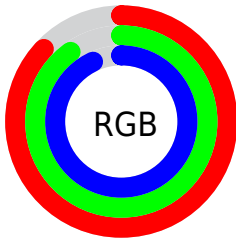
Format	Color
R _Y B	222, 227, 237
Decimal	14608109
CIE Lab	90.89, -1.36, -4.33
CIE LCh	91, 4.540, 252.601
Yxy	78.2376, 0.3030, 0.3216
Android (android.graphics.Color)	4292798189 (0xFFDEE6ED)
YUV	228.4060, 4.2368, -5.6181
Hunter-Lab	88.4520, -6.0469, 0.6923

Details

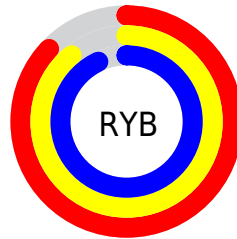
The XYZ color **73.7071, 78.2376, 91.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1296, 79.3166, 80.4058**, and the grayscale version is **74.0155, 77.8701, 84.8006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6068, 42.2116, 49.7762** is the 20% darker color. If you saturate the color by 10%, you get **63.9732, 68.7985, 90.0297**, and if you desaturate by 10%, it is **84.6610, 88.5996, 92.7613**.

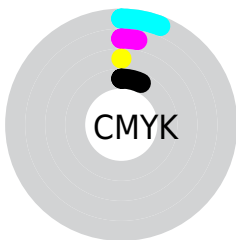
Distribution



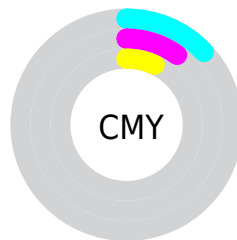
- Red (87%)
- Green (90%)
- Blue (93%)



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



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



- Cyan (13%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7071, 78.2376, 91.3374 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 73.7071, 78.2376, 91.3374 by changing the saturation by 10% instead.

■ 73.7071, 78.2376,
91.3374

■ 73.7071, 78.2376,
91.3374

462.5278,
488.9734, 553.0538

■ 54.8448, 58.2692,
68.5105

123.4782,
130.8850, 151.1464

■ 39.5108, 42.0251,
49.8439

155.1178,
164.3328, 188.9656

■ 27.3398, 29.1209,
34.9190

191.7471,
203.0425, 232.6192

■ 17.9665, 19.1723,
23.3175

233.7315,
247.3985, 282.5259

■ 11.0255, 11.7949,
14.6206

281.4365,
297.7852, 339.1042

■ 6.1514, 6.6042,
8.4099

335.2273,

■ 2.9789, 3.2158,

354.5869, 402.7726

4.2668

395.4692,
418.1882, 473.9496

■ 1.1426, 1.2454,
1.7728

■ 0.0603, 0.0983,
0.4099

■ 73.7071, 78.2376,
91.3374

■ 73.7071, 78.2376,
91.3374

■ 63.9732, 68.7985,
90.0297

■ 84.6610, 88.5996,
92.7613

■ 55.4066, 60.2432,
88.8299

■ 91.3728, 97.0674,
94.0420

■ 47.9606, 52.5446,
87.7363

■ 92.2863, 98.8945,
94.3466

■ 41.5825, 45.6696,
86.7455

■ 36.2151, 39.5831,
85.8536

■ 31.7954, 34.2465,
85.0565

■ 28.2522, 29.6169,
84.3496

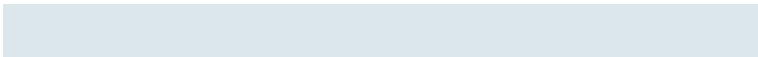
■ 25.5031, 25.6453,
83.7279

■ 23.4461, 22.2724,
83.1853

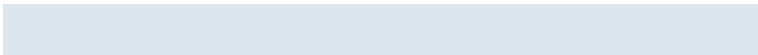
Harmonies

Analogous

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



72.7561, 78.2376, 89.5204



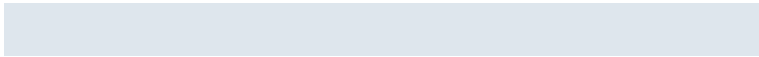
73.7071, 78.2376, 91.3374



74.8431, 78.2376, 91.4804

Triad

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



73.7071, 78.2376, 91.3374



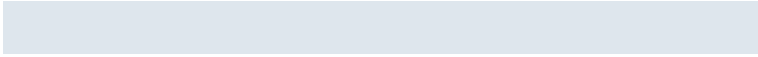
76.5285, 78.2376, 83.8213



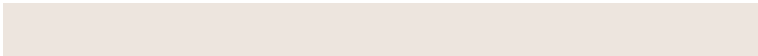
72.8844, 78.2376, 80.6368

Complementary

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



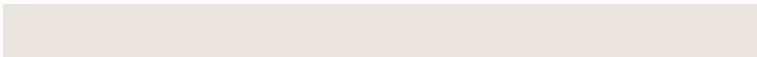
73.7071, 78.2376, 91.3374



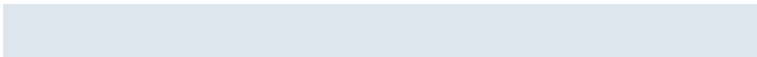
76.1296, 79.3166, 80.4058

Split Complementary

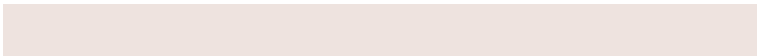
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8839, 78.2376, 79.1900



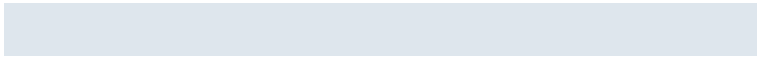
73.7071, 78.2376, 91.3374



75.9924, 78.2376, 80.9966

Square

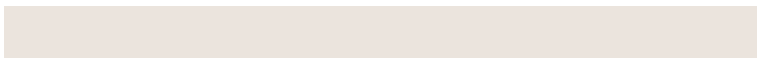
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



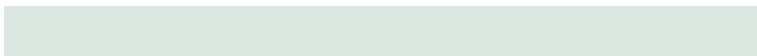
73.7071, 78.2376, 91.3374



76.4800, 78.2376, 87.0839



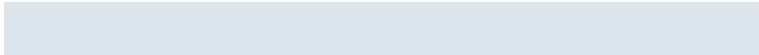
75.0218, 78.2376, 79.3199



72.2845, 78.2376, 83.3187

Rectangle

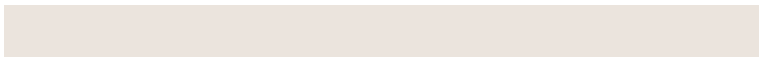
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7071, 78.2376, 91.3374



75.5532, 78.2376, 90.6020



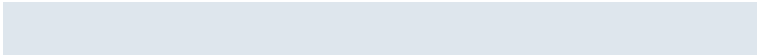
75.0218, 78.2376, 79.3199



73.1844, 78.2376, 79.9930

Sweetspot

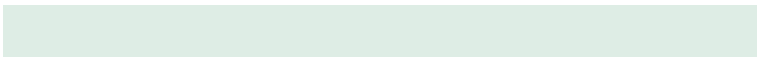
The Sweet Spot groups the original color and five complimentary colors.



73.7094, 78.2409, 91.3391



92.4443, 97.5371, 108.5619



74.5177, 81.7425, 85.7976



19.8142, 20.9028, 23.2403



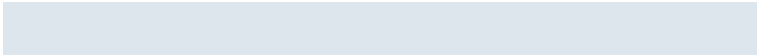
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.7094, 78.2409, 91.3391



84.9782, 90.4125, 107.5803



71.7326, 74.2873, 90.6802



14.8967, 15.8799, 19.2022



12.5835, 11.8139, 45.3601



1.0843, 1.1200, 3.5939

Inverse Universe

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



75.3311, 75.9619, 85.5584



87.3895, 87.0701, 98.9748



78.1786, 83.4148, 81.0889



15.4014, 15.1884, 17.3992



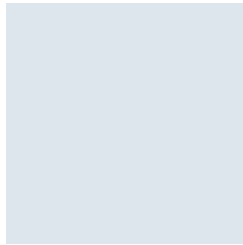
21.2068, 10.6854, 12.1565



1.7138, 0.8585, 1.2102

Previews

White Background



This preview shows how the XYZ color 73.7071, 78.2376, 91.3374 looks on a white background.

Color Contrast Check

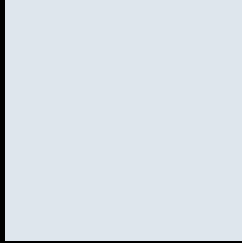
Large Text (above 18pt) WCAG AA × Fail

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 73.7071, 78.2376, 91.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

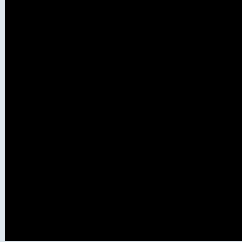
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

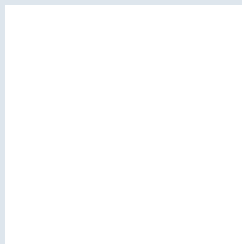
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7071, 78.2376, 91.3374

Background



This preview shows how black text looks on a background with the XYZ color 73.7071, 78.2376, 91.3374.



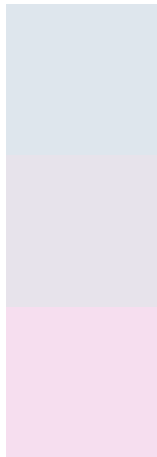
This preview shows how white text looks on a background with the XYZ color 73.7071, 78.2376,

91.3374.

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

73.7071, 78.2376, 91.3374

Protanopia

75.4195, 77.9253, 89.6633

Deuteranopia

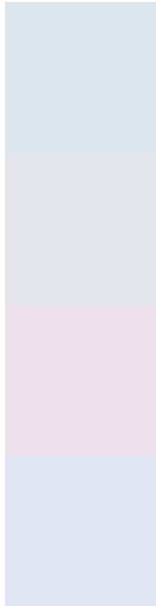
79.7073, 78.0674, 92.5288



Tritanopia

75.2724, 78.0495, 99.0935

Trichromacy



Original Color

73.7071, 78.2376, 91.3374

Protanomaly

74.8786, 78.0369, 90.4730

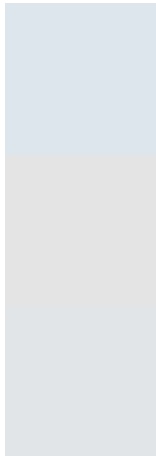
Deuteranomaly

77.2829, 78.0280, 91.8766

Tritanomaly

74.6284, 78.1977, 95.9543

Monochromacy



Original Color

73.7071, 78.2376, 91.3374

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8071, 77.9769, 86.7623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7071, 78.2376, 91.3374 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, 230, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.7071, 78.2376, 91.3374 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, 230, 237) }
```


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

```
.border{ border-color:rgb(222, 230, 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, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7071, 78.2376, 91.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 237) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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