

Converting Colors

XYZ(74.0897, 78.8600, 90.9458)

Have a look what the booklet for
XYZ(74.0897, 78.8600, 90.9458)
contains.

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Color

**XYZ(74.1477, 78.8959,
90.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7EC
RGB	223, 231, 236
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0941, 0.0745
CMYK	0.06, 0.02, 0.00, 0.07
HSL	203°, 25%, 90%
HSV	203°, 6%, 93%
XYZ	74.1477, 78.8959, 90.6773
YIQ	229.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

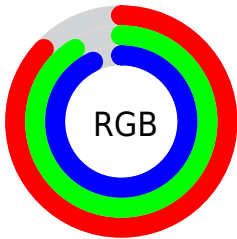
Format	Color
R _Y B	223, 228, 236
Decimal	14673900
CIE Lab	91.19, -1.73, -3.36
CIE LCh	91, 3.782, 242.731
Yxy	78.8959, 0.3042, 0.3237
Android (android.graphics.Color)	4292863980 (0xFFDFE7EC)
YUV	229.1780, 3.3632, -5.4181
Hunter-Lab	88.8234, -6.4332, 1.6488

Details

The XYZ color **74.1477, 78.8959, 90.6773** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6551, 78.6469, 81.0064**, and the grayscale version is **74.5885, 78.4729, 85.4570**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7166, 42.2801, 49.2476** is the 20% darker color. If you saturate the color by 10%, you get **64.9044, 70.4611, 89.5376**, and if you desaturate by 10%, it is **84.5406, 88.1230, 91.9118**.

Distribution



Red (87%)

Green (91%)

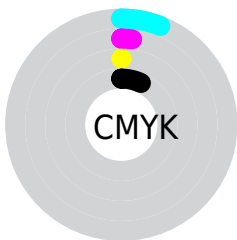
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

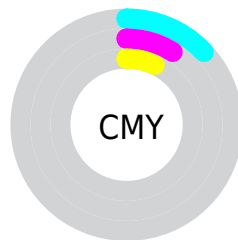


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1477, 78.8959, 90.6773 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 74.1477, 78.8959, 90.6773 by changing the saturation by 10% instead.

■ 74.1477, 78.8959,
90.6773

■ 74.1477, 78.8959,
90.6773

464.0254,
491.2041, 550.8585

■ 55.2066, 58.8102,
67.9657

124.0995,
131.8123, 150.2226

■ 39.8017, 42.4604,
49.4033

155.8410,
165.4118, 187.8933

■ 27.5675, 29.4619,
34.5716

192.5800,
204.2847, 231.3874

■ 18.1387, 19.4305,
23.0522

234.6819,
248.8154, 281.1235

■ 11.1499, 11.9818,
14.4264

282.5121,
299.3883, 337.5201

■ 6.2358, 6.7313,
8.2757

336.4358,

■ 3.0310, 3.2946,

356.3878, 400.9958

4.1816

396.8184,
420.1983, 471.9691

■ 1.1702, 1.2874,
1.7255

■ 0.0826, 0.1314,
0.3781

■ 74.1477, 78.8959,
90.6773

■ 74.1477, 78.8959,
90.6773

■ 64.9044, 70.4611,
89.5376

■ 84.5406, 88.1230,
91.9118

■ 56.7602, 62.7832,
88.4849

■ 90.3016, 95.1583,
92.9661

■ 49.6709, 55.8384,
87.5180

■ 92.1406, 98.8362,
93.5791

■ 43.5863, 49.5980,
86.6342

■ 38.4520, 44.0307,
85.8302

■ 34.2078, 39.1022,
85.1026

■ 30.7862, 34.7745,
84.4476

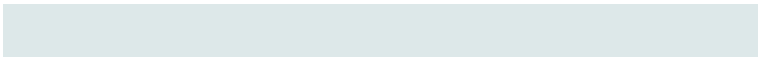
■ 28.1088, 31.0035,
83.8609

■ 26.0792, 27.7363,
83.3372

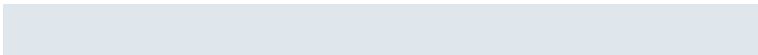
Harmonies

Analogous

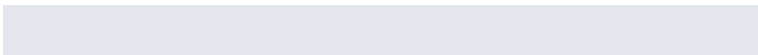
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4499, 78.8959, 88.7871



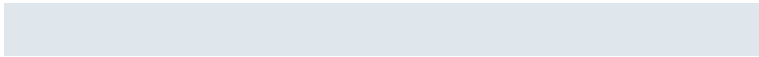
74.1477, 78.8959, 90.6773



75.0759, 78.8959, 91.2800

Triad

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



74.1477, 78.8959, 90.6773



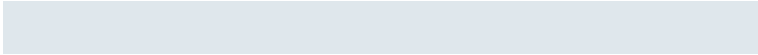
76.8425, 78.8959, 85.6533



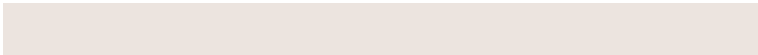
73.9970, 78.8959, 81.5441

Complementary

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



74.1477, 78.8959, 90.6773



75.6551, 78.6469, 81.0064

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.



74.9005, 78.8959, 80.7438



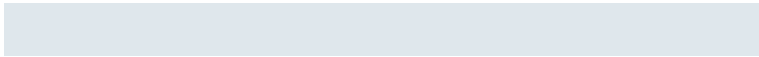
74.1477, 78.8959, 90.6773



76.5478, 78.8959, 83.0844

Square

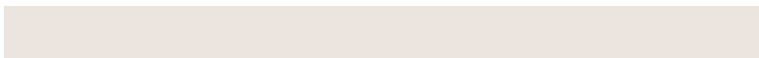
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



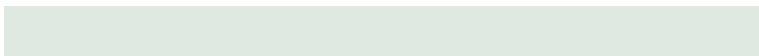
74.1477, 78.8959, 90.6773



76.6368, 78.8959, 88.3431



75.8350, 78.8959, 81.3017



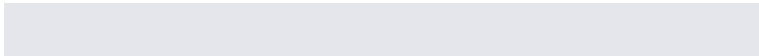
73.3634, 78.8959, 83.5107

Rectangle

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



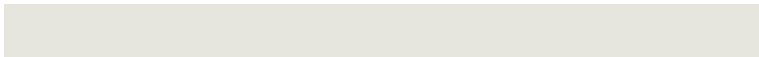
74.1477, 78.8959, 90.6773



75.7019, 78.8959, 90.8604



75.8350, 78.8959, 81.3017



74.2790, 78.8959, 81.1316

Sweetspot

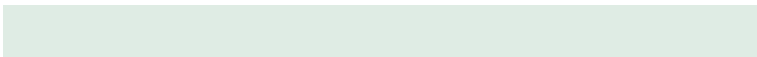
The Sweet Spot groups the original color and five complimentary colors.



74.1500, 78.8992, 90.6790



92.5764, 97.8012, 108.6060



74.4295, 81.2807, 85.1539



19.8411, 20.9566, 23.2492



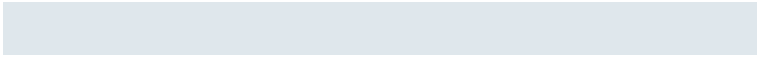
0.0000, 0.0000, 0.0000



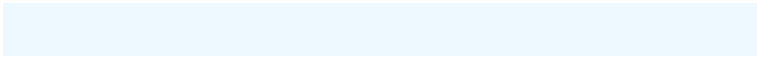
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1500, 78.8992, 90.6790



86.6354, 92.4709, 107.8902



72.3679, 75.3350, 90.0850



15.3855, 16.4398, 19.2846



14.0807, 14.8085, 45.8592



1.1983, 1.3481, 3.6319

Inverse Universe

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



75.4053, 76.3794, 86.3736



88.5325, 88.7012, 101.3752



77.4732, 82.2831, 81.6124



15.7500, 15.7181, 18.0320



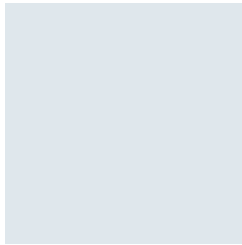
21.9626, 10.9877, 16.1363



1.7713, 0.8815, 1.5133

Previews

White Background



This preview shows how the XYZ color 74.1477, 78.8959, 90.6773 looks on a white background.

Color Contrast Check

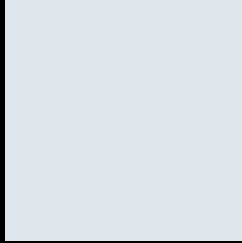
Large Text (above 18pt) WCAG AA × Fail

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 74.1477, 78.8959, 90.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

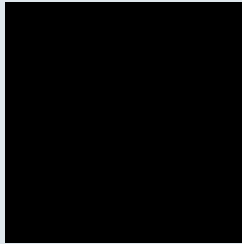
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

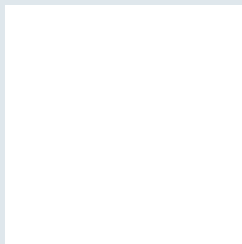
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1477, 78.8959, 90.6773

Background



This preview shows how black text looks on a background with the XYZ color 74.1477, 78.8959, 90.6773.



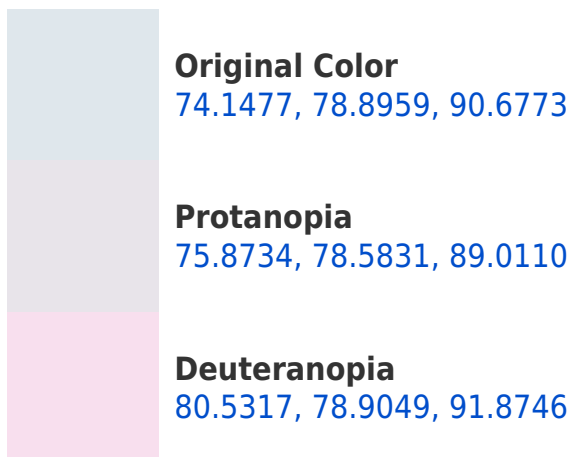
This preview shows how white text looks on a background with the XYZ color 74.1477, 78.8959,

90.6773.

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

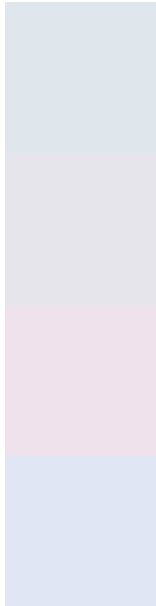




Tritanopia

75.8591, 78.7616, 99.2000

Trichromacy



Original Color

74.1477, 78.8959, 90.6773

Protanomaly

75.3278, 78.6948, 89.8167

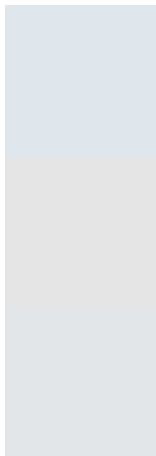
Deuteranomaly

78.0790, 78.8579, 91.2266

Tritanomaly

75.2149, 78.9120, 96.0613

Monochromacy



Original Color

74.1477, 78.8959, 90.6773

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 74.1477, 78.8959, 90.6773 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, 236) looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.1477, 78.8959, 90.6773 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, 236) }
```


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

```
.border{ border-color:rgb(223, 231, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1477, 78.8959, 90.6773 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, 236) }
```

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

```
.background{ background-color: rgb(223,  
231, 236) }
```

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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