

Converting Colors

XYZ(74.7990, 79.3417, 90.7427)

Have a look what the booklet for
XYZ(74.7990, 79.3417, 90.7427)
contains.

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Color

**XYZ(74.7676, 79.2155,
90.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E7EC
RGB	225, 231, 236
RGB Percent	88%, 91%, 93%
CMY	0.1176, 0.0941, 0.0745
CMYK	0.05, 0.02, 0.00, 0.07
HSL	207°, 22%, 90%
HSV	207°, 5%, 93%
XYZ	74.7676, 79.2155, 90.7063
YIQ	229.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

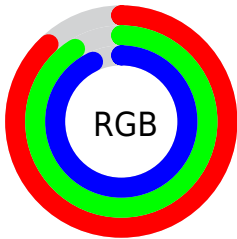
Format	Color
R _Y B	225, 229, 236
Decimal	14804972
CIE Lab	91.33, -1.08, -3.13
CIE LCh	91, 3.312, 251.033
Yxy	79.2155, 0.3056, 0.3237
Android (android.graphics.Color)	4292995052 (0xFFE1E7EC)
YUV	229.7760, 3.0684, -4.1886
Hunter-Lab	89.0031, -5.8054, 1.8776

Details

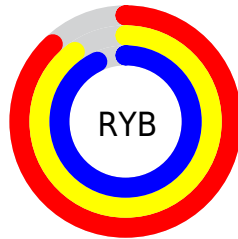
The XYZ color **74.7676, 79.2155, 90.7063** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4798, 79.8621, 82.6195**, and the grayscale version is **75.0309, 78.9384, 85.9639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1458, 42.5013, 49.2677** is the 20% darker color. If you saturate the color by 10%, you get **65.0043, 69.8660, 89.4174**, and if you desaturate by 10%, it is **85.7361, 89.4636, 92.1075**.

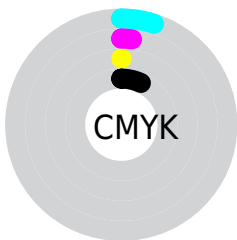
Distribution



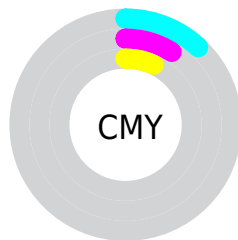
- Red (88%)
- Green (91%)
- Blue (93%)



- Red (88%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7676, 79.2155, 90.7063 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 74.7676, 79.2155, 90.7063 by changing the saturation by 10% instead.

■ 74.7676, 79.2155,
90.7063

■ 74.7676, 79.2155,
90.7063

466.1279,
492.2851, 550.9550

■ 55.7160, 59.0730,
67.9896

124.9730,
132.2622, 150.2632

■ 40.2114, 42.6719,
49.4226

156.8575,
165.9352, 187.9404

■ 27.8883, 29.6278,
34.5869

193.7504,
204.8871, 231.4416

■ 18.3815, 19.5562,
23.0638

236.0171,
249.5024, 281.1852

■ 11.3256, 12.0729,
14.4349

284.0228,
300.1655, 337.5898

■ 6.3552, 6.7933,
8.2816

338.1329,

■ 3.1049, 3.3332,

357.2607, 401.0739

4.1853

398.7128,
421.1724, 472.0562

■ 1.2095, 1.3081,
1.7275

■ 0.1138, 0.1474,
0.3795

■ 74.7676, 79.2155,
90.7063

■ 74.7676, 79.2155,
90.7063

■ 65.0043, 69.8660,
89.4174

■ 85.7361, 89.4636,
92.1075

■ 56.3947, 61.3769,
88.2327

■ 91.3307, 97.2166,
93.3091

■ 48.8934, 53.7222,
87.1505

■ 92.1405, 98.8362,
93.5790

■ 42.4493, 46.8703,
86.1676

■ 37.0067, 40.7874,
85.2804

■ 32.5048, 35.4365,
84.4848

■ 28.8751, 30.7768,
83.7767

■ 26.0385, 26.7616,
83.1512

■ 23.8990, 23.3354,
82.6026

Harmonies

Analogous

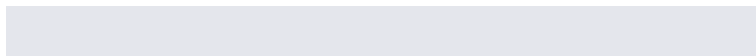
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0788, 79.2155, 89.3283



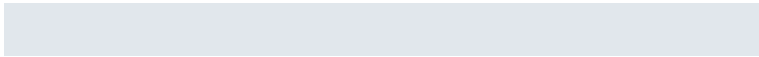
74.7676, 79.2155, 90.7063



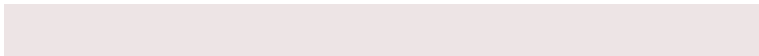
75.6018, 79.2155, 90.8779

Triad

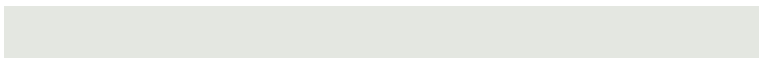
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7676, 79.2155, 90.7063



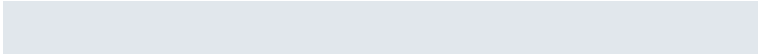
76.8903, 79.2155, 85.3690



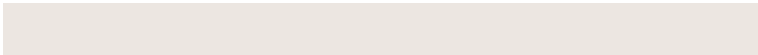
74.2354, 79.2155, 82.8058

Complementary

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



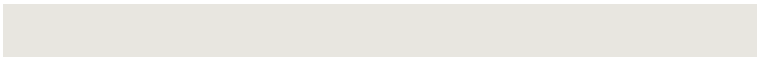
74.7676, 79.2155, 90.7063



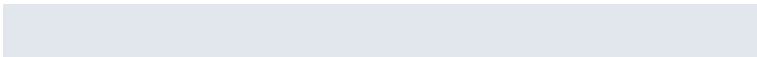
76.4798, 79.8621, 82.6195

Split Complementary

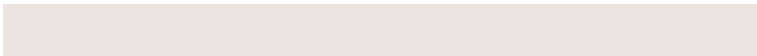
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9829, 79.2155, 81.7862



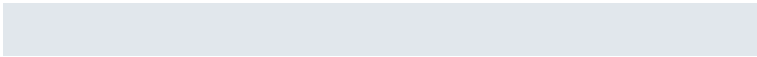
74.7676, 79.2155, 90.7063



76.5183, 79.2155, 83.2476

Square

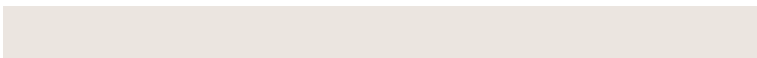
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



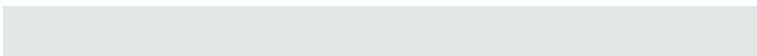
74.7676, 79.2155, 90.7063



76.8315, 79.2155, 87.7662



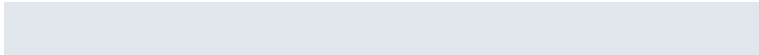
75.8188, 79.2155, 81.9464



73.7731, 79.2155, 84.7557

Rectangle

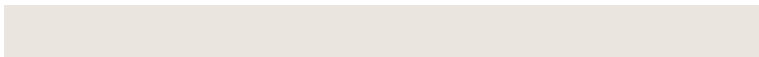
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



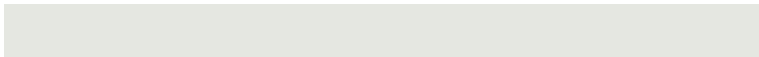
74.7676, 79.2155, 90.7063



76.1286, 79.2155, 90.2816



75.8188, 79.2155, 81.9464



74.4614, 79.2155, 82.3446

Sweetspot

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



74.7699, 79.2189, 90.7080



93.7497, 98.7828, 108.7336



75.3240, 81.7101, 86.6290



20.0800, 21.1564, 23.2752



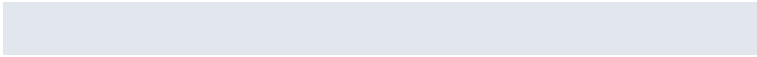
0.0000, 0.0000, 0.0000



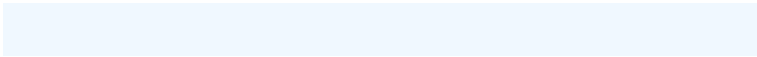
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7699, 79.2189, 90.7080



87.4663, 92.8586, 107.9213



73.2671, 76.2134, 90.2071



15.5152, 16.4862, 19.2867



12.7898, 12.2266, 45.4288



1.1003, 1.1520, 3.5992

Inverse Universe

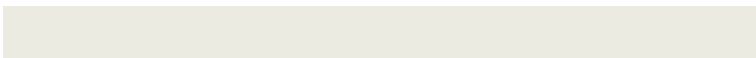
The Inverse Universe completely reimagines the original color for something new.



75.9429, 77.4544, 86.5528



89.2629, 90.1841, 101.5506



78.0212, 82.9451, 83.1334



15.8675, 15.9641, 18.0368



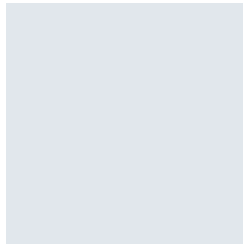
21.3110, 10.7271, 12.7050



1.7219, 0.8617, 1.2527

Previews

White Background



This preview shows how the XYZ color 74.7676, 79.2155, 90.7063 looks on a white background.

Color Contrast Check

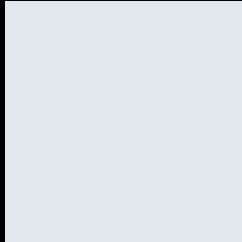
Large Text (above 18pt) WCAG AA × Fail

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 74.7676, 79.2155, 90.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

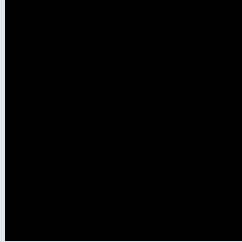
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

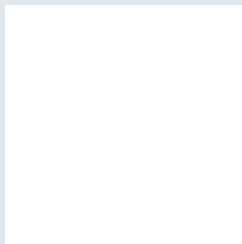
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7676, 79.2155, 90.7063

Background



This preview shows how black text looks on a background with the XYZ color 74.7676, 79.2155, 90.7063.



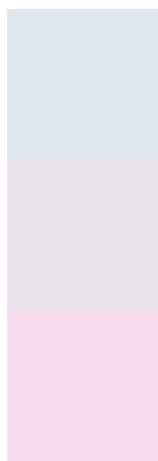
This preview shows how white text looks on a background with the XYZ color 74.7676, 79.2155,

90.7063.

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

74.7676, 79.2155, 90.7063

Protanopia

76.6190, 79.3604, 89.8771

Deuteranopia

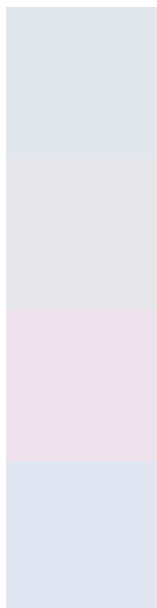
80.8872, 79.0881, 91.8912



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

74.7676, 79.2155, 90.7063

Protanomaly

75.9253, 79.4148, 89.9242

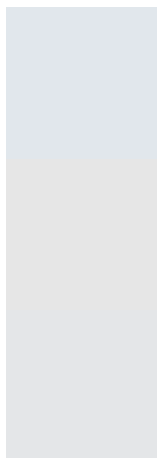
Deuteranomaly

78.4176, 79.0324, 91.2425

Tritanomaly

75.8385, 79.2334, 96.0905

Monochromacy



Original Color

74.7676, 79.2155, 90.7063

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8572, 78.9138, 87.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7676, 79.2155, 90.7063 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(225, 231, 236) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.7676, 79.2155, 90.7063 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(225, 231, 236) }
```


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

```
.border{ border-color:rgb(225, 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(225, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7676, 79.2155, 90.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 236) }
```

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

```
.background{ background-color: rgb(225,  
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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