

Converting Colors

XYZ(74.2294, 78.9464, 90.3024)

Have a look what the booklet for
XYZ(74.2294, 78.9464, 90.3024)
contains.

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Color

**XYZ(74.4567, 79.0553,
90.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E7EC
RGB	224, 231, 236
RGB Percent	88%, 91%, 93%
CMY	0.1216, 0.0941, 0.0745
CMYK	0.05, 0.02, 0.00, 0.07
HSL	205°, 24%, 90%
HSV	205°, 5%, 93%
XYZ	74.4567, 79.0553, 90.6918
YIQ	229.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

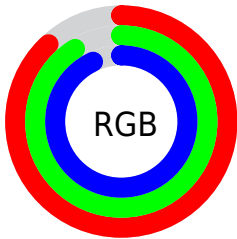
Format	Color
RYB	224, 228, 236
Decimal	14739436
CIELab	91.26, -1.41, -3.25
CIELCh	91, 3.538, 246.600
Yxy	79.0553, 0.3049, 0.3237
Android (android.graphics.Color)	4292929516 (0xFFE0E7EC)
YUV	229.4770, 3.2158, -4.8033
Hunter-Lab	88.9130, -6.1201, 1.7630

Details

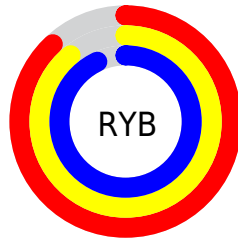
The XYZ color **74.4567, 79.0553, 90.6918** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0661, 79.2524, 81.8103**, and the grayscale version is **74.8095, 78.7054, 85.7102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9304, 42.3902, 49.2576** is the 20% darker color. If you saturate the color by 10%, you get **64.9712, 70.1987, 89.4835**, and if you desaturate by 10%, it is **85.1163, 88.7507, 92.0026**.

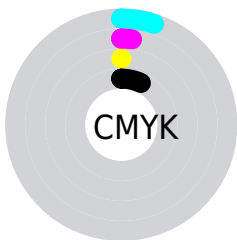
Distribution



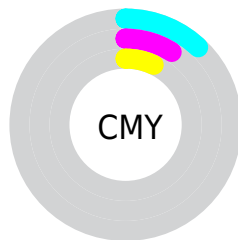
- Red (88%)
- Green (91%)
- Blue (93%)



- Red (88%)
- Yellow (89%)
- 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 74.4567, 79.0553, 90.6918 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 74.4567, 79.0553, 90.6918 by changing the saturation by 10% instead.

■ 74.4567, 79.0553,
90.6918

■ 74.4567, 79.0553,
90.6918

465.0741,
491.7434, 550.9068

■ 55.4605, 58.9413,
67.9776

124.5350,
132.0367, 150.2429

■ 40.0058, 42.5658,
49.4130

156.3479,
165.6729, 187.9168

■ 27.7273, 29.5446,
34.5793

193.1637,
204.5852, 231.4145

■ 18.2596, 19.4932,
23.0580

235.3478,
249.1582, 281.1543

■ 11.2374, 12.0272,
14.4306

283.2655,
299.7760, 337.5550

■ 6.2952, 6.7622,
8.2786

337.2822,

■ 3.0678, 3.3138,

356.8233, 401.0349

4.1834

397.7633,
420.6843, 472.0126

■ 1.1897, 1.2977,
1.7265

■ 0.0982, 0.1394,
0.3788

■ 74.4567, 79.0553,
90.6918

■ 74.4567, 79.0553,
90.6918

■ 64.9712, 70.1987,
89.4835

■ 85.1163, 88.7507,
92.0026

■ 56.6090, 62.1445,
88.3696

■ 90.7707, 96.0966,
93.1225

■ 49.3254, 54.8680,
87.3490

■ 92.1406, 98.8362,
93.5791

■ 43.0697, 48.3391,
86.4185

■ 37.7871, 42.5257,
85.5748

■ 33.4173, 37.3923,
84.8143

■ 29.8923, 32.8998,
84.1329

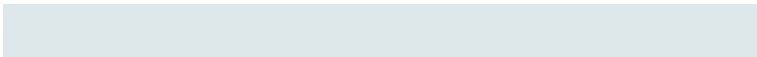
■ 27.1336, 29.0032,
83.5262

■ 25.0451, 25.6485,
82.9887

Harmonies

Analogous

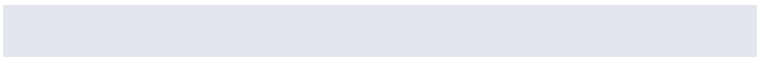
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7633, 79.0553, 89.0570



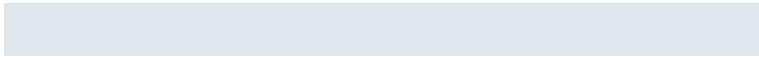
74.4567, 79.0553, 90.6918



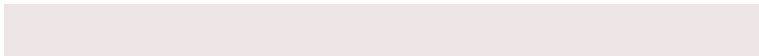
75.3381, 79.0553, 91.0791

Triad

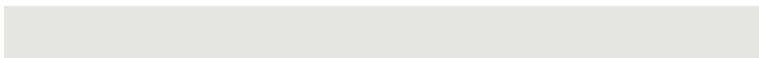
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4567, 79.0553, 90.6918



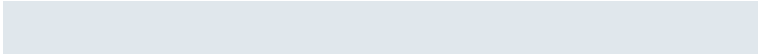
76.8663, 79.0553, 85.5112



74.1159, 79.0553, 82.1723

Complementary

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



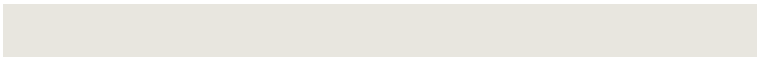
74.4567, 79.0553, 90.6918



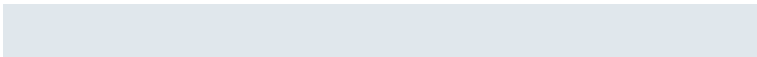
76.0661, 79.2524, 81.8103

Split Complementary

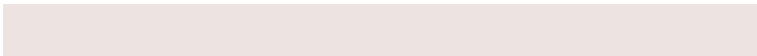
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9416, 79.0553, 81.2629



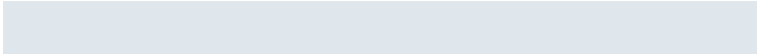
74.4567, 79.0553, 90.6918



76.5331, 79.0553, 83.1657

Square

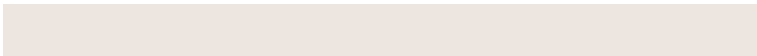
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4567, 79.0553, 90.6918



76.7340, 79.0553, 88.0547



75.8268, 79.0553, 81.6230



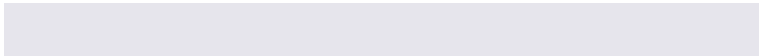
73.5677, 79.0553, 84.1307

Rectangle

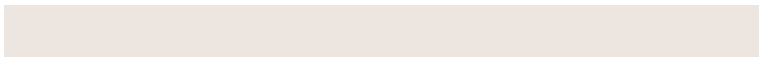
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4567, 79.0553, 90.6918



75.9147, 79.0553, 90.5711



75.8268, 79.0553, 81.6230



74.3699, 79.0553, 81.7356

Sweetspot

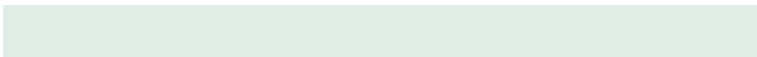
The Sweet Spot groups the original color and five complimentary colors.



74.4590, 79.0587, 90.6935



92.5249, 97.6982, 108.5888



74.8521, 81.4854, 85.7667



19.8306, 20.9356, 23.2457



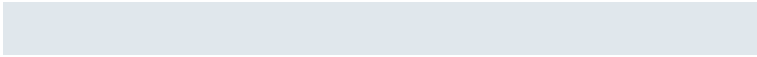
0.0000, 0.0000, 0.0000



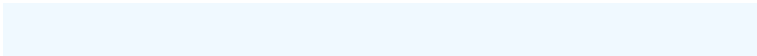
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4590, 79.0587, 90.6935



87.6448, 93.2156, 107.9808



72.8613, 75.8633, 90.1610



15.5501, 16.5562, 19.2983



13.4658, 13.5785, 45.6542



1.1520, 1.2555, 3.6165

Inverse Universe

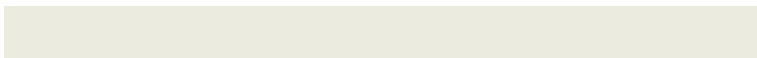
The Inverse Universe completely reimagines the original color for something new.



75.6733, 76.9152, 86.4630



89.3530, 90.2202, 102.0250



77.6989, 82.5182, 82.3546



15.8851, 15.9712, 18.1297



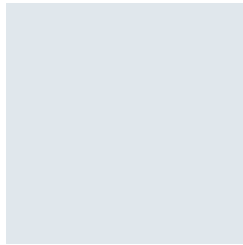
21.6522, 10.8636, 14.5017



1.7480, 0.8722, 1.3902

Previews

White Background



This preview shows how the XYZ color 74.4567, 79.0553, 90.6918 looks on a white background.

Color Contrast Check

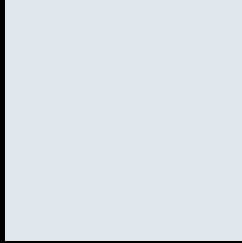
Large Text (above 18pt) WCAG AA × Fail

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 74.4567, 79.0553, 90.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

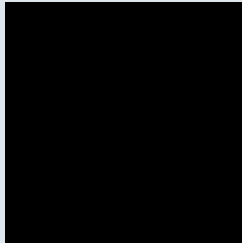
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

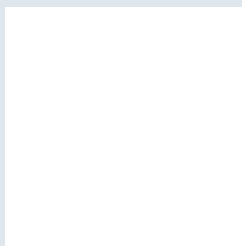
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4567, 79.0553, 90.6918

Background



This preview shows how black text looks on a background with the XYZ color 74.4567, 79.0553, 90.6918.



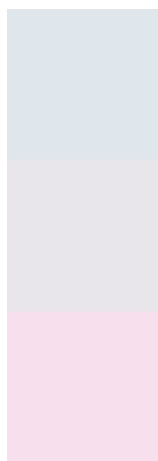
This preview shows how white text looks on a background with the XYZ color 74.4567, 79.0553,

90.6918.

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

74.4567, 79.0553, 90.6918

Protanopia

76.2934, 79.1926, 89.8619

Deuteranopia

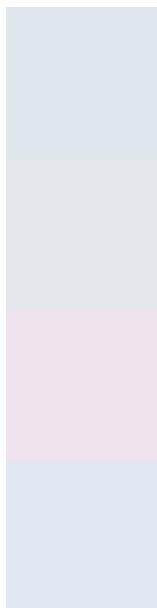
80.5317, 78.9049, 91.8746



Tritanopia

76.1718, 78.9228, 99.2146

Trichromacy



Original Color

74.4567, 79.0553, 90.6918

Protanomaly

75.6053, 79.2498, 89.9092

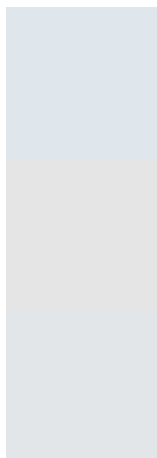
Deuteranomaly

78.0790, 78.8579, 91.2266

Tritanomaly

75.5258, 79.0722, 96.0759

Monochromacy



Original Color

74.4567, 79.0553, 90.6918

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 74.4567, 79.0553, 90.6918 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(224, 231, 236) looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.4567, 79.0553, 90.6918 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(224, 231, 236) }
```


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

```
.border{ border-color:rgb(224, 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(224, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4567, 79.0553, 90.6918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 236) }
```

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

```
.background{ background-color: rgb(224,  
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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