

Converting Colors

XYZ(74.4412, 79.4105, 90.5164)

Have a look what the booklet for
XYZ(74.4412, 79.4105, 90.5164)
contains.

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Color

**XYZ(74.4284, 79.4573,
90.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8EC
RGB	223, 232, 236
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0902, 0.0745
CMYK	0.06, 0.02, 0.00, 0.07
HSL	198°, 25%, 90%
HSV	198°, 6%, 93%
XYZ	74.4284, 79.4573, 90.7709
YIQ	229.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

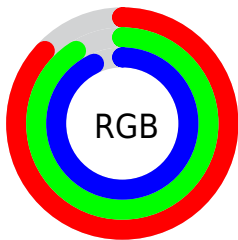
Format	Color
R _Y B	223, 228, 236
Decimal	14674156
CIE Lab	91.44, -2.25, -2.99
CIE LCh	91, 3.738, 233.078
Yxy	79.4573, 0.3042, 0.3248
Android (android.graphics.Color)	4292864236 (0xFFDFE8EC)
YUV	229.7650, 3.0739, -5.9329
Hunter-Lab	89.1388, -6.9505, 2.0216

Details

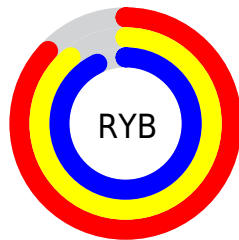
The XYZ color **74.4284, 79.4573, 90.7709** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3808, 78.0983, 80.9149**, and the grayscale version is **75.0235, 78.9306, 85.9554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9120, 42.6708, 49.3127** is the 20% darker color. If you saturate the color by 10%, you get **65.6582, 71.9687, 89.7889**, and if you desaturate by 10%, it is **84.3010, 87.6438, 91.8319**.

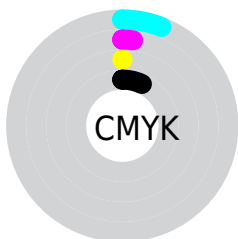
Distribution



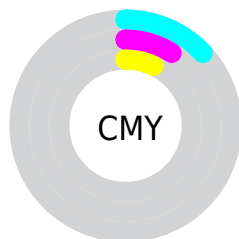
- Red (87%)
- Green (91%)
- Blue (93%)



- 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 74.4284, 79.4573, 90.7709 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 74.4284, 79.4573, 90.7709 by changing the saturation by 10% instead.

■ 74.4284, 79.4573,
90.7709

■ 74.4284, 79.4573,
90.7709

464.9781,
493.1020, 551.1701

■ 55.4373, 59.2719,
68.0429

124.4952,
132.6025, 150.3536

■ 39.9871, 42.8320,
49.4657

156.3015,
166.3310, 188.0454

■ 27.7127, 29.7533,
34.6209

193.1102,
205.3426, 231.5622

■ 18.2485, 19.6514,
23.0898

235.2868,
250.0218, 281.3225

■ 11.2293, 12.1419,
14.4539

283.1965,
300.7530, 337.7449

■ 6.2897, 6.8404,
8.2947

337.2047,

■ 3.0644, 3.3625,

357.9205, 401.2479

4.1936

397.6768,
421.9087, 472.2501

■ 1.1879, 1.3238,
1.7321

■ 0.0968, 0.1595,
0.3826

■ 74.4284, 79.4573,
90.7709

■ 74.4284, 79.4573,
90.7709

■ 65.6582, 71.9687,
89.7889

■ 84.3010, 87.6438,
91.8319

■ 57.9408, 65.1443,
88.8784

■ 89.4935, 93.5420,
92.6967

■ 51.2329, 58.9625,
88.0388

■ 91.7498, 98.0547,
93.4488

■ 45.4855, 53.3965,
87.2673

■ 92.1406, 98.8362,
93.5791

■ 40.6452, 48.4171,
86.5613

■ 36.6529, 43.9923,
85.9177

■ 33.4422, 40.0863,
85.3330

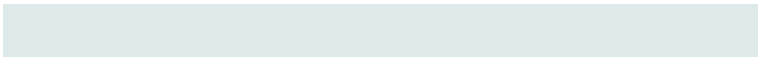
■ 30.9357, 36.6574,
84.8032

■ 29.0385, 33.6550,
84.3237

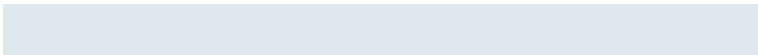
Harmonies

Analogous

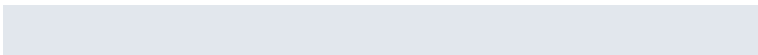
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8517, 79.4573, 88.5849



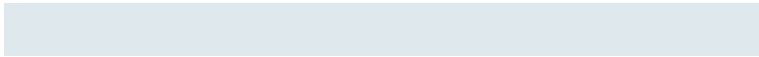
74.4284, 79.4573, 90.7709



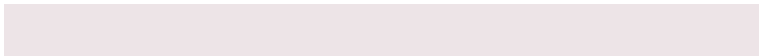
75.3016, 79.4573, 91.8201

Triad

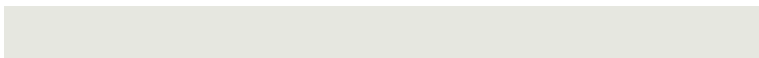
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4284, 79.4573, 90.7709



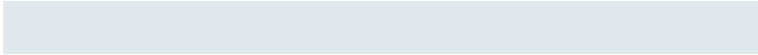
77.3520, 79.4573, 87.1483



74.8071, 79.4573, 81.7856

Complementary

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



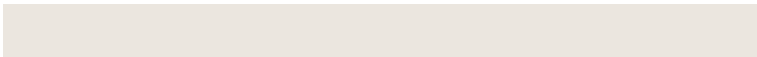
74.4284, 79.4573, 90.7709



75.3808, 78.0983, 80.9149

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.



75.7424, 79.4573, 81.4192



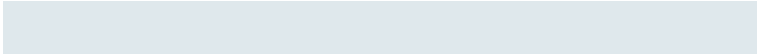
74.4284, 79.4573, 90.7709



77.2169, 79.4573, 84.4785

Square

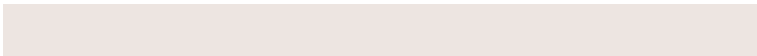
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



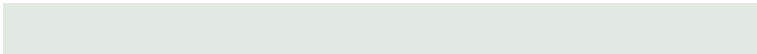
74.4284, 79.4573, 90.7709



76.9934, 79.4573, 89.7004



76.6258, 79.4573, 82.3952



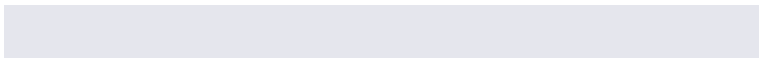
74.0690, 79.4573, 83.4069

Rectangle

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



74.4284, 79.4573, 90.7709



75.9364, 79.4573, 91.7185



76.6258, 79.4573, 82.3952



75.1087, 79.4573, 81.5130

Sweetspot

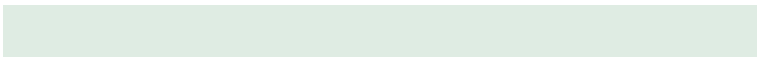
The Sweet Spot groups the original color and five complimentary colors.



74.4307, 79.4607, 90.7726



92.7004, 98.0492, 108.6473



74.2796, 81.2208, 84.3643



19.8663, 21.0071, 23.2577



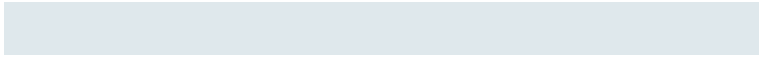
0.0000, 0.0000, 0.0000



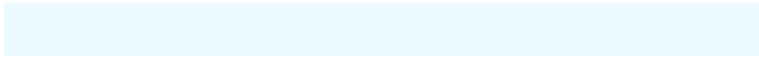
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4307, 79.4607, 90.7726



87.0595, 93.3189, 108.0316



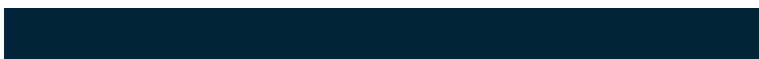
72.6608, 75.9210, 90.1827



15.4669, 16.6028, 19.3117



15.7288, 18.1045, 46.4085



1.3196, 1.5907, 3.6724

Inverse Universe

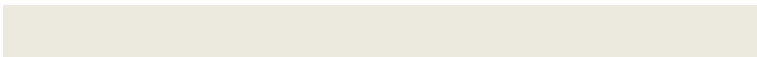
The Inverse Universe completely reimagines the original color for something new.



75.5471, 76.4361, 87.1197



88.7466, 88.7868, 102.5023



77.1649, 81.6665, 81.5096



15.7912, 15.7345, 18.2485



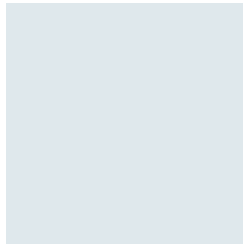
22.7945, 11.3205, 20.5167



1.8326, 0.9060, 1.8357

Previews

White Background



This preview shows how the XYZ color 74.4284, 79.4573, 90.7709 looks on a white background.

Color Contrast Check

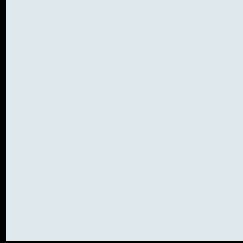
Large Text (above 18pt) WCAG AA × Fail

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 74.4284, 79.4573, 90.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

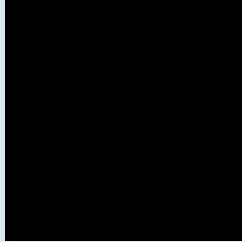
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

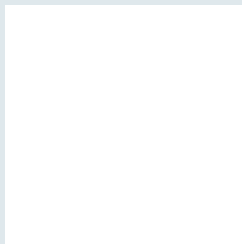
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4284, 79.4573, 90.7709

Background



This preview shows how black text looks on a background with the XYZ color 74.4284, 79.4573, 90.7709.



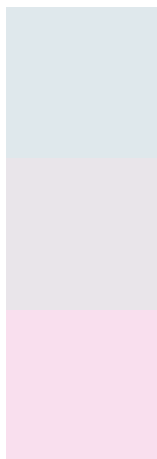
This preview shows how white text looks on a background with the XYZ color 74.4284, 79.4573,

90.7709.

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

74.4284, 79.4573, 90.7709

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

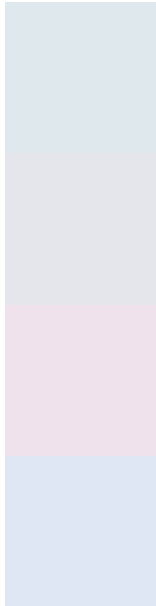
80.8872, 79.0881, 91.8912



Tritanopia

76.2914, 79.3785, 100.1075

Trichromacy



Original Color

74.4284, 79.4573, 90.7709

Protanomaly

75.6053, 79.2498, 89.9092

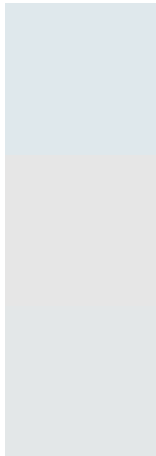
Deuteranomaly

78.4176, 79.0324, 91.2425

Tritanomaly

75.6455, 79.5308, 96.9520

Monochromacy



Original Color

74.4284, 79.4573, 90.7709

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8200, 79.3089, 87.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4284, 79.4573, 90.7709 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, 232, 236) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 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, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.4284, 79.4573, 90.7709 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, 232, 236) }
```


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

```
.border{ border-color:rgb(223, 232, 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, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4284, 79.4573, 90.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 236) }
```

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

```
.background{ background-color: rgb(223,  
232, 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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