

# Converting Colors

XYZ(74.1395, 79.3418, 89.2489)

Have a look what the booklet for  
XYZ(74.1395, 79.3418, 89.2489)  
contains.

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# Color

**XYZ(74.1393, 79.3417,  
89.2488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE8EA
RGB	223, 232, 234
RGB Percent	87%, 91%, 92%
CMY	0.1255, 0.0902, 0.0823
CMYK	0.05, 0.01, 0.00, 0.08
HSL	191°, 21%, 90%
HSV	191°, 5%, 92%
XYZ	74.1393, 79.3417, 89.2488
YIQ	229.5370, -6.0060, -1.2860

# Conversions

## Conversions Part 2

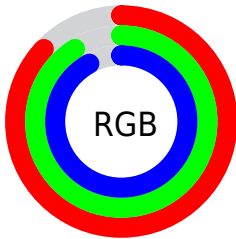
Format	Color
R <sub>Y</sub> B	223, 228, 234
Decimal	14674154
CIE Lab	91.39, -2.62, -2.02
CIE LCh	91, 3.307, 217.654
Yxy	79.3417, 0.3054, 0.3269
Android (android.graphics.Color)	4292864234 (0xFFDFE8EA)
YUV	229.5370, 2.2003, -5.7329
Hunter-Lab	89.0740, -7.3078, 2.9454

# Details

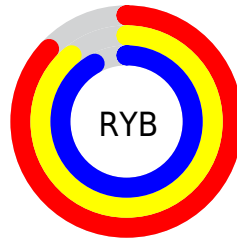
The XYZ color **74.1393, 79.3417, 89.2488** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1764, 76.6698, 80.7025**, and the grayscale version is **74.8611, 78.7597, 85.7693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7097, 42.5899, 48.2472** is the 20% darker color. If you saturate the color by 10%, you get **66.2417, 73.5193, 88.5424**, and if you desaturate by 10%, it is **83.0667, 85.7423, 90.0149**.

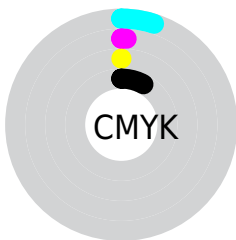
# Distribution



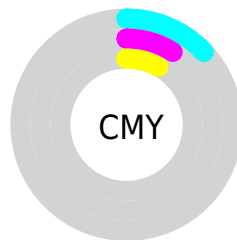
- Red (87%)
- Green (91%)
- Blue (92%)



- Red (87%)
- Yellow (89%)
- Blue (92%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1393, 79.3417, 89.2488 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 74.1393, 79.3417, 89.2488 by changing the saturation by 10% instead.



■ 74.1393, 79.3417,  
89.2488

■ 74.1393, 79.3417,  
89.2488

463.9969,  
492.7115, 546.0911

■ 55.1997, 59.1768,  
66.7876

124.0877,  
132.4398, 148.2209

■ 39.7961, 42.7555,  
48.4515

155.8272,  
166.1418, 185.5688

■ 27.5631, 29.6933,  
33.8220

192.5642,  
205.1249, 228.7161

■ 18.1354, 19.6059,  
22.4807

234.6638,  
249.7736, 278.0812

■ 11.1475, 12.1089,  
14.0088

282.4916,  
300.4722, 334.0827

■ 6.2342, 6.8179,  
7.9880

336.4128,

■ 3.0300, 3.3485,

357.6051, 397.1392

3.9996

396.7927,  
421.5568, 467.6691

■ 1.1696, 1.3163,  
1.6251

■ 0.0822, 0.1537,  
0.3087

■ 74.1393, 79.3417,  
89.2488

■ 74.1393, 79.3417,  
89.2488

■ 66.2417, 73.5193,  
88.5424

■ 83.0667, 85.7423,  
90.0149

■ 59.3263, 68.2436,  
87.8886

■ 87.3986, 89.8148,  
90.5727

■ 53.3517, 63.4952,  
87.2870

■ 88.6669, 92.3514,  
90.9954

■ 48.2710, 59.2496,  
86.7353

■ 89.9647, 94.9470,  
91.4280

■ 44.0332, 55.4802,  
86.2310

■ 91.2922, 97.6019,  
91.8705

■ 40.5817, 52.1575,  
85.7716

■ 91.8515, 98.7206,  
92.0570

■ 37.8531, 49.2486,  
85.3539

■ 35.7735, 46.7150,  
84.9745

■ 34.2529, 44.5098,  
84.6290

# Harmonies

## Analogous

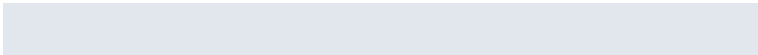
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8211, 79.3417, 87.0077



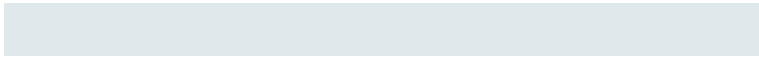
74.1393, 79.3417, 89.2488



74.7990, 79.3417, 90.7427

# Triad

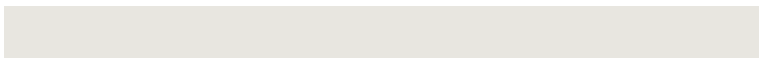
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1393, 79.3417, 89.2488



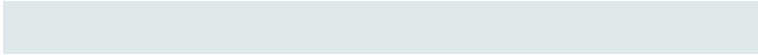
76.9169, 79.3417, 88.1618



75.1968, 79.3417, 81.8820

# Complementary

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



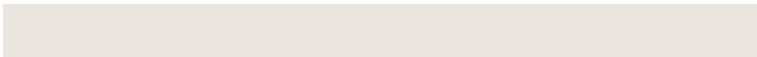
74.1393, 79.3417, 89.2488



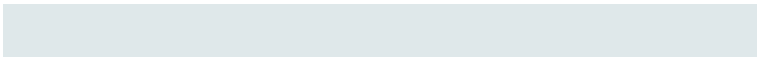
74.1764, 76.6698, 80.7025

# 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.



76.0282, 79.3417, 82.1780



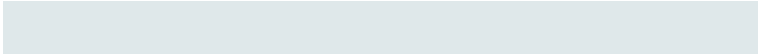
74.1393, 79.3417, 89.2488



77.0254, 79.3417, 85.7745

# Square

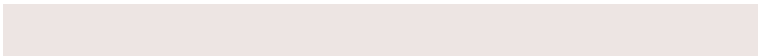
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1393, 79.3417, 89.2488



76.4037, 79.3417, 90.1070



76.6990, 79.3417, 83.5922



74.4287, 79.3417, 82.7759

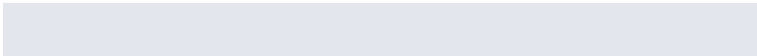


# Rectangle

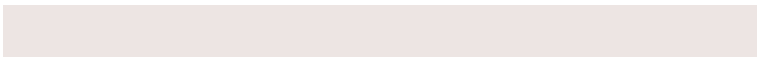
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



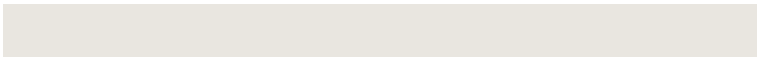
74.1393, 79.3417, 89.2488



75.3458, 79.3417, 91.0984



76.6990, 79.3417, 83.5922



75.4781, 79.3417, 81.8459

# Sweetspot

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



74.1416, 79.3451, 89.2505



93.9706, 99.2247, 108.8072



73.4233, 79.9620, 82.6806



20.1250, 21.2463, 23.2902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

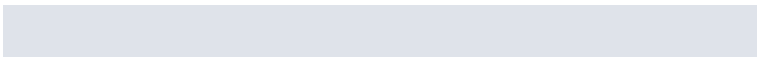
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1416, 79.3451, 89.2505



88.7640, 95.4540, 108.3538



72.6619, 76.3857, 88.7573



15.7697, 16.9953, 19.3715



18.9658, 24.5787, 47.4875



1.5498, 2.0510, 3.7491



# Inverse Universe

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



74.8866, 76.0954, 87.0888



89.9180, 90.4461, 104.9998



75.6418, 79.6007, 81.1910



15.9960, 16.0155, 18.7133



24.4284, 11.9740, 29.1209

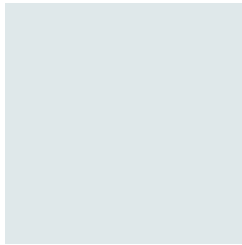


1.9487, 0.9525, 2.4475



# Previews

## White Background



This preview shows how the XYZ color 74.1393, 79.3417, 89.2488 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

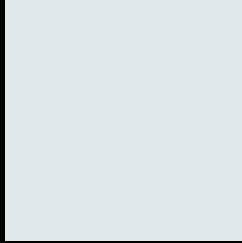
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1393, 79.3417, 89.2488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

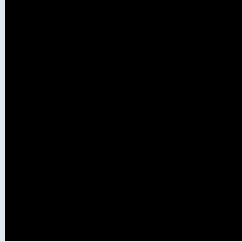
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

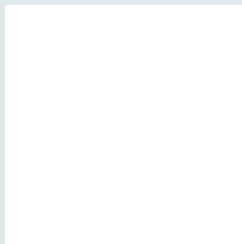
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.1393, 79.3417, 89.2488**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1393, 79.3417, 89.2488.



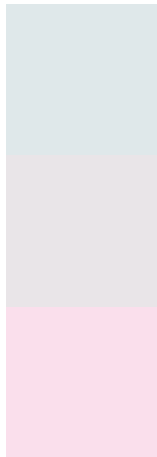
This preview shows how white text looks on a background with the XYZ color 74.1393, 79.3417,

89.2488.

# 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

74.1393, 79.3417, 89.2488

### Protanopia

76.1891, 79.1885, 87.6132

### Deuteranopia

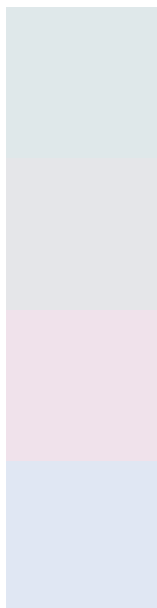
80.9523, 79.1555, 90.3688



## **Tritanopia**

76.2914, 79.3785, 100.1075

# Trichromacy



## Original Color

74.1393, 79.3417, 89.2488

## Protanomaly

75.3179, 79.1348, 88.3957

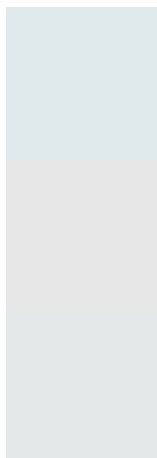
## Deuteranomaly

78.1269, 78.9161, 89.7119

## Tritanomaly

75.4940, 79.4702, 96.1543

# Monochromacy



## Original Color

74.1393, 79.3417, 89.2488

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

74.6783, 79.2522, 86.9626

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1393, 79.3417, 89.2488 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 234) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1393, 79.3417, 89.2488 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, 234) }
```



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

```
.border{ border-color:rgb(223, 232, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 232, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 232, 234); box-shadow:4px 4px 4px 4px rgb(223, 232, 234) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1393, 79.3417, 89.2488 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, 234) }
```

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

```
.background{ background-color: rgb(223,  
232, 234) }
```

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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