

Converting Colors

XYZ(74.3887, 79.9581, 92.8967)

Have a look what the booklet for
XYZ(74.3887, 79.9581, 92.8967)
contains.

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Color

**XYZ(74.2341, 79.7255,
93.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE9EF
RGB	220, 233, 239
RGB Percent	86%, 91%, 94%
CMY	0.1372, 0.0863, 0.0627
CMYK	0.08, 0.03, 0.00, 0.06
HSL	199°, 37%, 90%
HSV	199°, 8%, 94%
XYZ	74.2341, 79.7255, 93.1374
YIQ	229.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

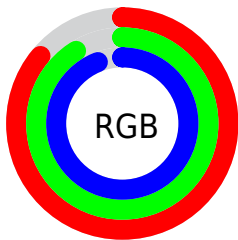
Format	Color
R _Y B	220, 228, 239
Decimal	14477807
CIE Lab	91.56, -3.17, -4.40
CIE LCh	92, 5.423, 234.263
Yxy	79.7255, 0.3004, 0.3226
Android (android.graphics.Color)	4292667887 (0xFFDCE9EF)
YUV	229.7970, 4.5371, -8.5920
Hunter-Lab	89.2891, -7.8529, 0.6571

Details

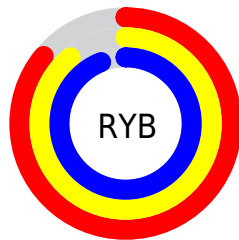
The XYZ color **74.2341, 79.7255, 93.1374** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7115, 77.9101, 78.7591**, and the grayscale version is **75.0383, 78.9461, 85.9724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7864, 42.8625, 50.9761** is the 20% darker color. If you saturate the color by 10%, you get **65.4220, 72.0823, 92.1278**, and if you desaturate by 10%, it is **84.1762, 88.0911, 94.2294**.

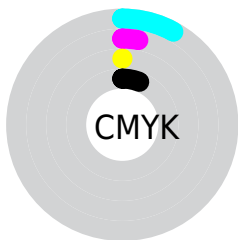
Distribution



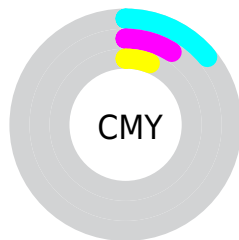
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2341, 79.7255, 93.1374 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 74.2341, 79.7255, 93.1374 by changing the saturation by 10% instead.

■ 74.2341, 79.7255,
93.1374

■ 74.2341, 79.7255,
93.1374

464.3188,
494.0073, 559.0160

■ 55.2776, 59.4925,
69.9974

124.2213,
132.9797, 153.6622

■ 39.8588, 43.0097,
51.0476

155.9828,
166.7697, 191.8840

■ 27.6122, 29.8927,
35.8695

192.7433,
205.8476, 235.9703

■ 18.1725, 19.7572,
24.0445

234.8682,
250.5975, 286.3394

■ 11.1743, 12.2187,
15.1542

282.7228,
301.4041, 343.4100

■ 6.2524, 6.8928,
8.7798

336.6725,

■ 3.0412, 3.3951,

358.6517, 407.6007

4.5030

397.0828,
422.7246, 479.3298

■ 1.1756, 1.3413,
1.9052

■ 0.0870, 0.1729,
0.4960

■ 74.2341, 79.7255,
93.1374

■ 74.2341, 79.7255,
93.1374

■ 65.4220, 72.0823,
92.1278

■ 84.1762, 88.0911,
94.2294

■ 57.6883, 65.1267,
91.1928

■ 90.4156, 94.6829,
95.1728

■ 50.9873, 58.8356,
90.3317

■ 92.5802, 99.0121,
95.8944

■ 45.2672, 53.1806,
89.5417

■ 40.4717, 48.1309,
88.8197

■ 36.5382, 43.6523,
88.1626

■ 33.3955, 39.7064,
87.5666

■ 30.9602, 36.2483,
87.0275

■ 29.1183, 33.2172,
86.5395

Harmonies

Analogous

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



73.3781, 79.7255, 89.9749



74.2341, 79.7255, 93.1374



75.5112, 79.7255, 94.6080

Triad

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



74.2341, 79.7255, 93.1374



78.4536, 79.7255, 87.5710



74.6892, 79.7255, 80.0477

Complementary

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



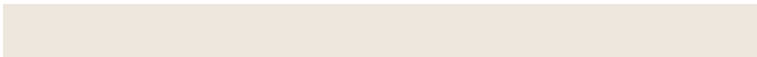
74.2341, 79.7255, 93.1374



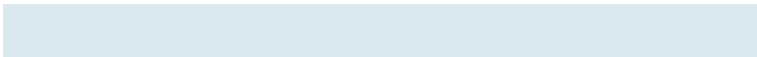
75.7115, 77.9101, 78.7591

Split Complementary

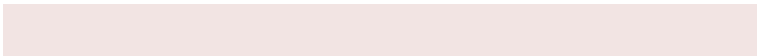
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0428, 79.7255, 79.4480



74.2341, 79.7255, 93.1374



78.2270, 79.7255, 83.7153

Square

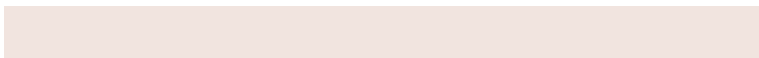
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2341, 79.7255, 93.1374



77.9558, 79.7255, 91.3321



77.3405, 79.7255, 80.7711



73.6386, 79.7255, 82.4349

Rectangle

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



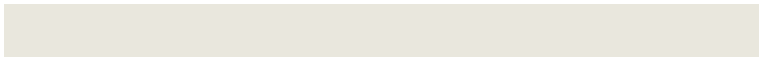
74.2341, 79.7255, 93.1374



76.4338, 79.7255, 94.3999



77.3405, 79.7255, 80.7711



75.1234, 79.7255, 79.6335

Sweetspot

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



74.2364, 79.7289, 93.1392



92.6872, 98.0229, 108.6429



74.0693, 82.4245, 83.7428



19.8637, 21.0017, 23.2568



0.0000, 0.0000, 0.0000



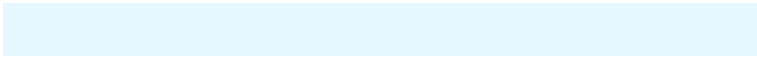
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2364, 79.7289, 93.1392



83.7690, 90.4527, 107.6518



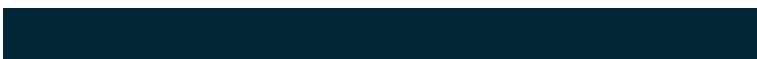
71.6984, 74.6528, 92.2932



15.8022, 17.0385, 20.1775



16.0268, 18.2779, 47.8111



1.4221, 1.6981, 4.0070

Inverse Universe

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



75.8996, 75.4219, 87.6523



86.1790, 84.2882, 99.6842



78.2818, 83.0506, 79.6159



16.2296, 15.9415, 18.7652



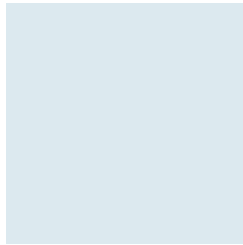
23.4152, 11.6385, 20.6349



1.9927, 0.9861, 1.9526

Previews

White Background



This preview shows how the XYZ color 74.2341, 79.7255, 93.1374 looks on a white background.

Color Contrast Check

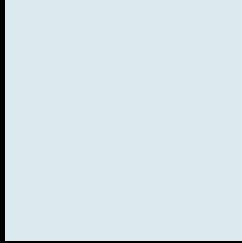
Large Text (above 18pt) WCAG AA × Fail

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 74.2341, 79.7255, 93.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

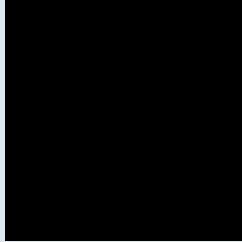
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

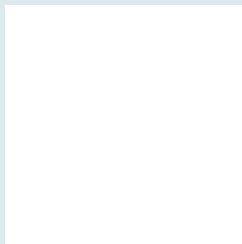
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2341, 79.7255, 93.1374

Background



This preview shows how black text looks on a background with the XYZ color 74.2341, 79.7255, 93.1374.



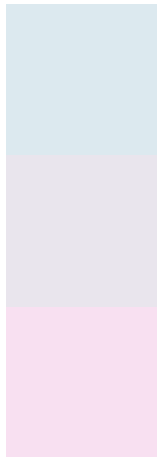
This preview shows how white text looks on a background with the XYZ color 74.2341, 79.7255,

93.1374.

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

74.2341, 79.7255, 93.1374

Protanopia

76.9096, 79.4767, 91.4077

Deuteranopia

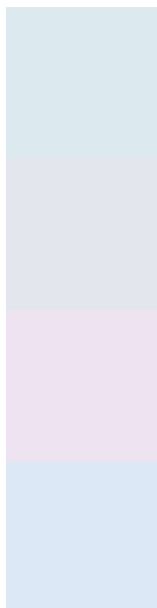
81.2442, 79.6186, 94.3050



Tritanopia

75.9554, 79.5836, 101.8004

Trichromacy



Original Color

74.2341, 79.7255, 93.1374

Protanomaly

75.7243, 79.2607, 92.1967

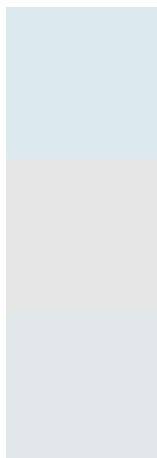
Deuteranomaly

78.4572, 79.4066, 93.6299

Tritanomaly

75.3100, 79.7392, 98.6107

Monochromacy



Original Color

74.2341, 79.7255, 93.1374

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6479, 79.2038, 88.4443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2341, 79.7255, 93.1374 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(220, 233, 239) looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 239)  
}
```

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(220, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.2341, 79.7255, 93.1374 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(220, 233, 239) }
```


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

```
.border{ border-color:rgb(220, 233, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2341, 79.7255, 93.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 233, 239) }
```

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

```
.background{ background-color: rgb(220,  
233, 239) }
```

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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