

Converting Colors

XYZ(73.3384, 79.2977, 91.5614)

Have a look what the booklet for
XYZ(73.3384, 79.2977, 91.5614)
contains.

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Color

**XYZ(73.3384, 79.2977,
91.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE9ED
RGB	218, 233, 237
RGB Percent	85%, 91%, 93%
CMY	0.1451, 0.0863, 0.0706
CMYK	0.08, 0.02, 0.00, 0.07
HSL	193°, 35%, 89%
HSV	193°, 8%, 93%
XYZ	73.3384, 79.2977, 91.5614
YIQ	228.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

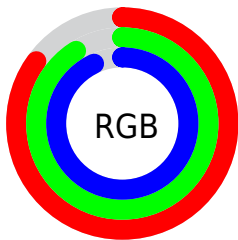
Format	Color
R_{YB}	218, 226, 237
Decimal	14346733
CIE Lab	91.37, -4.20, -3.66
CIE LCh	91, 5.567, 221.076
Yxy	79.2977, 0.3003, 0.3247
Android (android.graphics.Color)	4292536813 (0xFFDAE9ED)
YUV	228.9710, 3.9583, -9.6216
Hunter-Lab	89.0493, -8.8287, 1.3719

Details

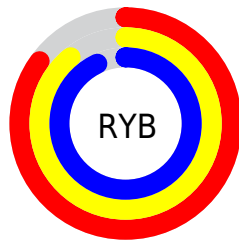
The XYZ color **73.3384, 79.2977, 91.5614** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7015, 75.3084, 76.9824**, and the grayscale version is **74.4340, 78.3103, 85.2799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1669, 42.5670, 49.8680** is the 20% darker color. If you saturate the color by 10%, you get **65.3609, 73.1218, 90.7910**, and if you desaturate by 10%, it is **82.3737, 86.0825, 92.3960**.

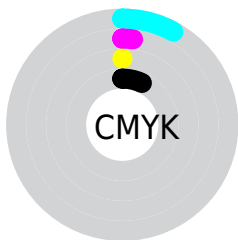
Distribution



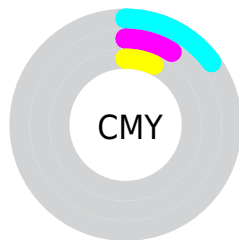
- Red (85%)
- Green (91%)
- Blue (93%)



- Red (85%)
- Yellow (89%)
- Blue (93%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3384, 79.2977, 91.5614 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 73.3384, 79.2977, 91.5614 by changing the saturation by 10% instead.

■ 73.3384, 79.2977,
91.5614

■ 73.3384, 79.2977,
91.5614

461.2725,
492.5629, 553.7977

■ 54.5421, 59.1406,
68.6954

122.9580,
132.3779, 151.4598

■ 39.2676, 42.7263,
49.9935

154.5121,
166.0698, 189.3292

■ 27.1496, 29.6704,
35.0371

191.0494,
205.0420, 233.0369

■ 17.8228, 19.5886,
23.4076

232.9353,
249.6791, 283.0014

■ 10.9218, 12.0963,
14.6867

280.5352,
300.3653, 339.6411

■ 6.0811, 6.8093,
8.4556

334.2145,

■ 2.9356, 3.3431,

357.4850, 403.3747

4.2959

394.3384,
421.4228, 474.6207

■ 1.1198, 1.3134,
1.7890

■ 0.0416, 0.1515,
0.4207

■ 73.3384, 79.2977,
91.5614

■ 73.3384, 79.2977,
91.5614

■ 65.3609, 73.1218,
90.7910

■ 82.3737, 86.0825,
92.3960

■ 58.3913, 67.5220,
90.0775

■ 88.5695, 91.4609,
93.1076

■ 52.3857, 62.4774,
89.4203

■ 90.0814, 94.4848,
93.6116

■ 47.2942, 57.9618,
88.8171

■ 91.6342, 97.5904,
94.1292

■ 43.0623, 53.9465,
88.2651

■ 92.2863, 98.8945,
94.3465

■ 39.6295, 50.3999,
87.7615

■ 36.9270, 47.2860,
87.3028

■ 34.8740, 44.5626,
86.8854

■ 33.3584, 42.1715,
86.5037

Harmonies

Analogous

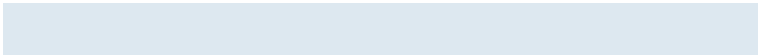
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7324, 79.2977, 87.8468



73.3384, 79.2977, 91.5614



74.4915, 79.2977, 93.9214

Triad

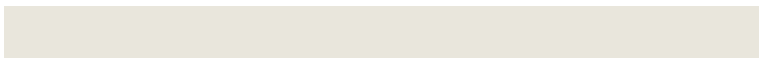
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3384, 79.2977, 91.5614



77.9722, 79.2977, 88.8925



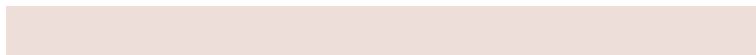
74.8488, 79.2977, 78.9211

Complementary

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



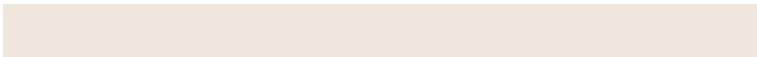
73.3384, 79.2977, 91.5614



73.7015, 75.3084, 76.9824

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.



76.2556, 79.2977, 79.1812



73.3384, 79.2977, 91.5614



78.0708, 79.2977, 84.8539

Square

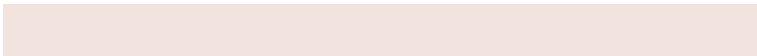
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3384, 79.2977, 91.5614



77.1713, 79.2977, 92.3475



77.4389, 79.2977, 81.3243



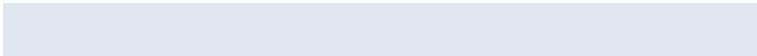
73.5971, 79.2977, 80.6021

Rectangle

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



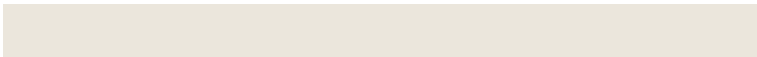
73.3384, 79.2977, 91.5614



75.4212, 79.2977, 94.3659



77.4389, 79.2977, 81.3243



75.3190, 79.2977, 78.7858

Sweetspot

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



73.3407, 79.3010, 91.5632



92.8573, 98.3630, 108.6996



72.3569, 80.7383, 80.7384



19.8983, 21.0709, 23.2683



0.0000, 0.0000, 0.0000



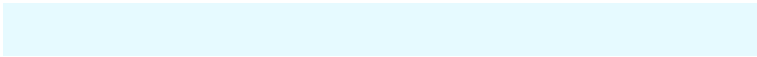
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3407, 79.3010, 91.5632



84.5956, 92.1059, 107.9273



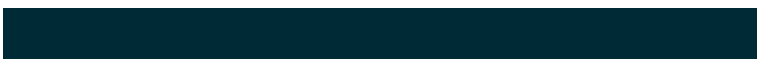
70.7758, 74.1713, 90.7082



15.2331, 16.5527, 19.3144



18.1634, 22.9739, 47.2201



1.4935, 1.9385, 3.7303

Inverse Universe

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



74.7062, 74.0320, 87.4469



86.5962, 84.4551, 101.8813



76.2411, 80.3877, 77.8289



15.5712, 15.2563, 18.2933



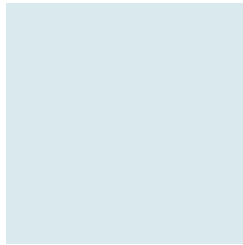
24.0234, 11.8120, 26.9881



1.9203, 0.9411, 2.2979

Previews

White Background



This preview shows how the XYZ color 73.3384, 79.2977, 91.5614 looks on a white background.

Color Contrast Check

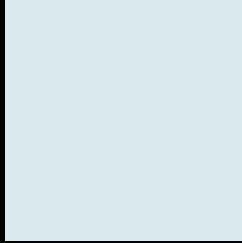
Large Text (above 18pt) WCAG AA × Fail

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 73.3384, 79.2977, 91.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

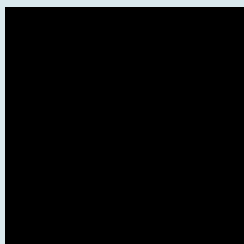
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

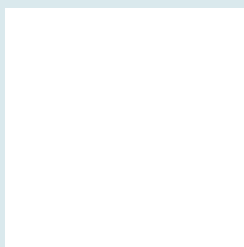
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3384, 79.2977, 91.5614

Background



This preview shows how black text looks on a background with the XYZ color 73.3384, 79.2977, 91.5614.



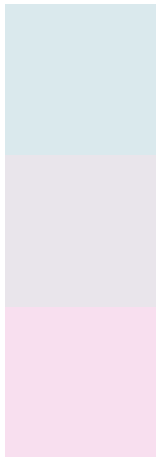
This preview shows how white text looks on a background with the XYZ color 73.3384, 79.2977,

91.5614.

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

73.3384, 79.2977, 91.5614

Protanopia

76.6190, 79.3604, 89.8771

Deuteranopia

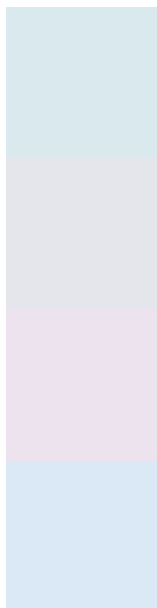
80.6791, 78.9638, 92.6506



Tritanopia

75.1900, 79.2070, 100.9481

Trichromacy



Original Color

73.3384, 79.2977, 91.5614

Protanomaly

75.4320, 79.1437, 90.6575

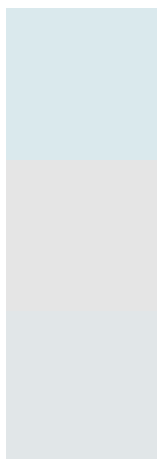
Deuteranomaly

77.8268, 79.1157, 92.0579

Tritanomaly

74.5515, 79.3659, 97.7761

Monochromacy



Original Color

73.3384, 79.2977, 91.5614

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.9136, 78.4274, 87.5863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3384, 79.2977, 91.5614 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(218, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 237)  
}
```

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(218, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.3384, 79.2977, 91.5614 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(218, 233, 237) }
```


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

```
.border{ border-color:rgb(218, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3384, 79.2977, 91.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 237) }
```

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

```
.background{ background-color: rgb(218,  
233, 237) }
```

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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