

Converting Colors

XYZ(73.7944, 79.5496, 90.8221)

Have a look what the booklet for
XYZ(73.7944, 79.5496, 90.8221)
contains.

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Color

**XYZ(73.7944, 79.5496,
90.8221)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DCE9EC |
| RGB | 220, 233, 236 |
| RGB Percent | 86%, 91%, 93% |
| CMY | 0.1372, 0.0863, 0.0745 |
| CMYK | 0.07, 0.01, 0.00, 0.07 |
| HSL | 191°, 30%, 89% |
| HSV | 191°, 7%, 93% |
| XYZ | 73.7944, 79.5496, 90.8221 |
| YIQ | 229.4550, -8.7110, -1.8230 |

Conversions

Conversions Part 2

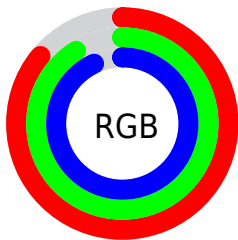
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 220, 227, 236 |
| Decimal | 14477804 |
| CIE Lab | 91.48, -3.74, -2.95 |
| CIE LCh | 91, 4.763, 218.307 |
| Yxy | 79.5496, 0.3022, 0.3258 |
| Android (android.graphics.Color) | 4292667884 (0xFFDCE9EC) |
| YUV | 229.4550, 3.2267, -8.2920 |
| Hunter-Lab | 89.1906, -8.3964, 2.0588 |

Details

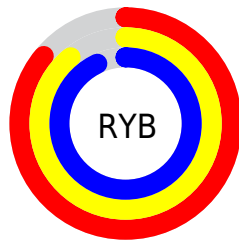
The XYZ color **73.7944, 79.5496, 90.8221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8982, 75.7748, 78.4425**, and the grayscale version is **74.7947, 78.6899, 85.6933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4774, 42.7389, 49.3488** is the 20% darker color. If you saturate the color by 10%, you get **65.9149, 73.6555, 90.1010**, and if you desaturate by 10%, it is **82.7181, 86.0329, 91.6044**.

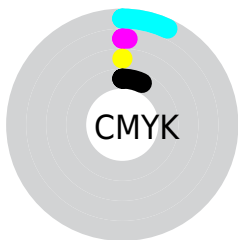
Distribution



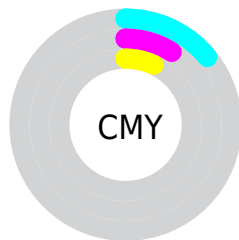
- Red (86%)
- Green (91%)
- Blue (93%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7944, 79.5496, 90.8221 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 73.7944, 79.5496, 90.8221 by changing the saturation by 10% instead.

73.7944, 79.5496,
90.8221

73.7944, 79.5496,
90.8221

462.8247,
493.4137, 551.3405

54.9165, 59.3478,
68.0851

123.6014,
132.7323, 150.4253

39.5684, 42.8932,
49.4999

155.2611,
166.4820, 188.1286

27.3849, 29.8013,
34.6478

191.9122,
205.5164, 231.6578

18.0006, 19.6878,
23.1103

233.9199,
250.2200, 281.4313

11.0501, 12.1683,
14.4689

281.6497,
300.9771, 337.8678

6.1681, 6.8584,
8.3051

335.4669,

2.9892, 3.3737,

358.1722, 401.3858

4.2002

395.7368,
422.1896, 472.4039

■ 1.1480, 1.3298,
1.7358

■ 0.0647, 0.1641,
0.3851

■ 73.7944, 79.5496,
90.8221

■ 73.7944, 79.5496,
90.8221

■ 65.9149, 73.6555,
90.1010

■ 82.7181, 86.0329,
91.6044

■ 59.0306, 68.3185,
89.4336

■ 88.0864, 90.7279,
92.2277

■ 53.0985, 63.5182,
88.8198

■ 89.4167, 93.3885,
92.6711

■ 48.0698, 59.2292,
88.2569

■ 90.7790, 96.1131,
93.1252

■ 43.8914, 55.4236,
87.7426

■ 92.1406, 98.8362,
93.5791

■ 40.5043, 52.0708,
87.2740

■ 37.8418, 49.1359,
86.8478

■ 35.8256, 46.5784,
86.4604

■ 34.3563, 44.3466,
86.1071

Harmonies

Analogous

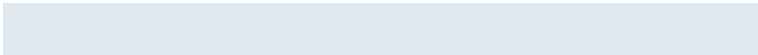
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3255, 79.5496, 87.5845



73.7944, 79.5496, 90.8221



74.7509, 79.5496, 92.9708

Triad

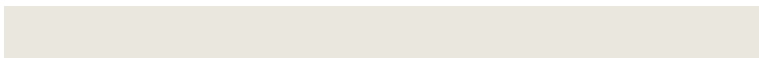
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7944, 79.5496, 90.8221



77.7970, 79.5496, 89.1080



75.2731, 79.5496, 80.1743

Complementary

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



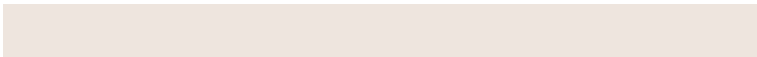
73.7944, 79.5496, 90.8221



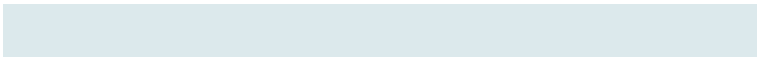
73.8982, 75.7748, 78.4425

Split Complementary

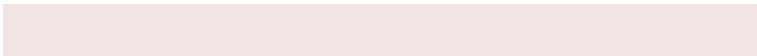
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4747, 79.5496, 80.5576



73.7944, 79.5496, 90.8221



77.9405, 79.5496, 85.6546

Square

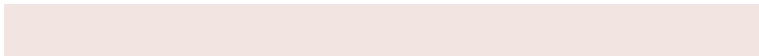
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7944, 79.5496, 90.8221



77.0642, 79.5496, 91.9629



77.4541, 79.5496, 82.5418



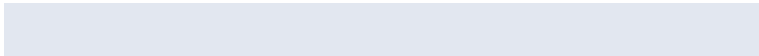
74.1732, 79.5496, 81.4805

Rectangle

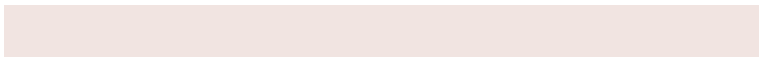
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



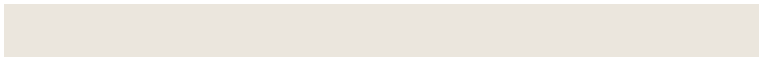
73.7944, 79.5496, 90.8221



75.5407, 79.5496, 93.4644



77.4541, 79.5496, 82.5418



75.6784, 79.5496, 80.1105

Sweetspot

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



73.7967, 79.5530, 90.8239



92.8946, 98.4377, 108.7120



72.8221, 80.5319, 81.4722



19.9059, 21.0861, 23.2708



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.



73.7967, 79.5530, 90.8239



86.7324, 93.9209, 108.1650



71.6000, 75.1595, 90.0916



15.2640, 16.6144, 19.3246



18.8019, 24.2508, 47.4329



1.5383, 2.0281, 3.7453

Inverse Universe

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



74.8950, 74.9039, 87.6053



88.2749, 87.4242, 103.6374



76.0688, 80.1160, 79.1660



15.5868, 15.2626, 18.3753



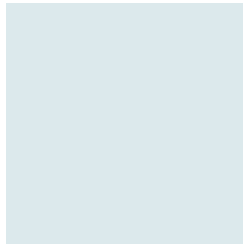
24.3456, 11.9409, 28.6851



1.9430, 0.9501, 2.4170

Previews

White Background



This preview shows how the XYZ color 73.7944, 79.5496, 90.8221 looks on a white background.

Color Contrast Check

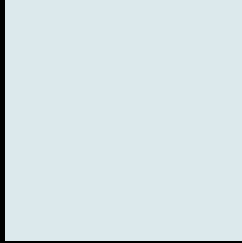
Large Text (above 18pt) WCAG AA × Fail

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 73.7944, 79.5496, 90.8221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

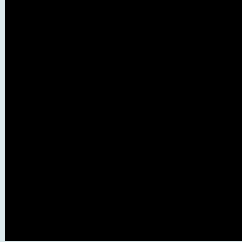
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

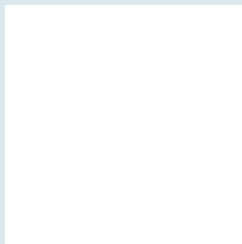
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7944, 79.5496, 90.8221

Background



This preview shows how black text looks on a background with the XYZ color 73.7944, 79.5496, 90.8221.



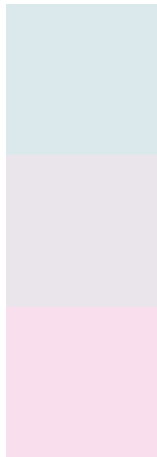
This preview shows how white text looks on a background with the XYZ color 73.7944, 79.5496,

90.8221.

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

73.7944, 79.5496, 90.8221

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

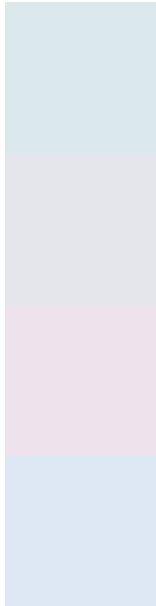
80.8872, 79.0881, 91.8912



Tritanopia

75.7990, 79.5210, 100.9766

Trichromacy



Original Color

73.7944, 79.5496, 90.8221

Protanomaly

75.2871, 79.0858, 89.8943

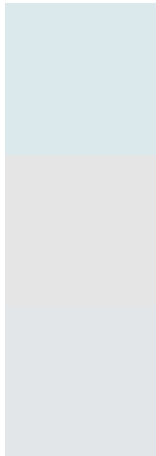
Deuteranomaly

78.0150, 79.2297, 91.3018

Tritanomaly

75.0045, 79.6170, 97.0024

Monochromacy



Original Color

73.7944, 79.5496, 90.8221

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2263, 78.5886, 87.6009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7944, 79.5496, 90.8221 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 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(220, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.7944, 79.5496, 90.8221 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, 236) }
```


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

```
.border{ border-color:rgb(220, 233, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 236);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7944, 79.5496, 90.8221 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, 236) }
```

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

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