

Converting Colors

XYZ(73.5698, 77.6412, 90.1320)

Have a look what the booklet for
XYZ(73.5698, 77.6412, 90.1320)
contains.

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Color

**XYZ(73.5911, 77.7827,
90.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE5EC
RGB	223, 229, 236
RGB Percent	87%, 90%, 93%
CMY	0.1255, 0.1019, 0.0745
CMYK	0.06, 0.03, 0.00, 0.07
HSL	212°, 25%, 90%
HSV	212°, 6%, 93%
XYZ	73.5911, 77.7827, 90.4918
YIQ	228.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

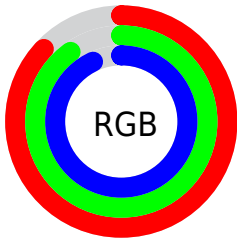
Format	Color
R _Y B	223, 227, 236
Decimal	14673388
CIE Lab	90.68, -0.70, -4.11
CIE LCh	91, 4.166, 260.272
Yxy	77.7827, 0.3043, 0.3216
Android (android.graphics.Color)	4292863468 (0xFFDFE5EC)
YUV	228.0040, 3.9420, -4.3885
Hunter-Lab	88.1945, -5.3967, 0.9018

Details

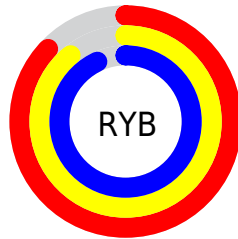
The XYZ color **73.5911, 77.7827, 90.4918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2085, 79.7537, 81.1908**, and the grayscale version is **73.7228, 77.5621, 84.4651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5227, 41.8922, 49.1830** is the 20% darker color. If you saturate the color by 10%, you get **63.4342, 67.5208, 89.0476**, and if you desaturate by 10%, it is **85.0231, 89.0880, 92.0726**.

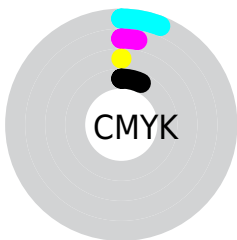
Distribution



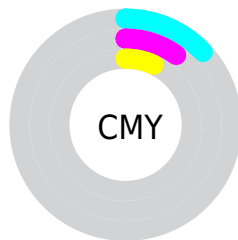
- Red (87%)
- Green (90%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5911, 77.7827, 90.4918 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 73.5911, 77.7827, 90.4918 by changing the saturation by 10% instead.

■ 73.5911, 77.7827,
90.4918

■ 73.5911, 77.7827,
90.4918

462.1331,
487.4285, 550.2407

■ 54.7495, 57.8955,
67.8126

123.3146,
130.2438, 149.9628

■ 39.4343, 41.7246,
49.2796

154.9273,
163.5864, 187.5917

■ 27.2800, 28.8857,
34.4741

191.5276,
202.1829, 231.0409

■ 17.9213, 18.9944,
22.9778

233.4811,
246.4178, 280.7290

■ 10.9928, 11.6662,
14.3719

281.1530,
296.6754, 337.0745

■ 6.1293, 6.5168,
8.2381

334.9088,

■ 2.9653, 3.1618,

353.3402, 400.4959

4.1577

395.1137,
416.7964, 471.4118

■ 1.1354, 1.2168,
1.7123

■ 0.0544, 0.0754,
0.3691

■ 73.5911, 77.7827,
90.4918

■ 73.5911, 77.7827,
90.4918

■ 63.4342, 67.5208,
89.0476

■ 85.0231, 89.0880,
92.0726

■ 54.4986, 58.2599,
87.7310

■ 91.9522, 98.4594,
93.5163

■ 46.7362, 49.9691,
86.5398

■ 92.1406, 98.8362,
93.5791

■ 40.0933, 42.6120,
85.4699

■ 34.5113, 36.1494,
84.5167

■ 29.9261, 30.5388,
83.6754

■ 26.2657, 25.7333,
82.9408

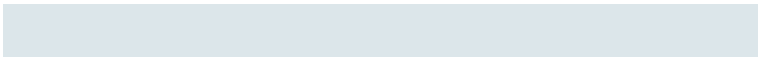
■ 23.4469, 21.6798,
82.3069

■ 21.3688, 18.3156,
81.7671

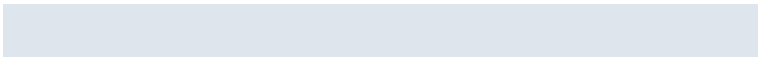
Harmonies

Analogous

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



72.6532, 77.7827, 89.1957



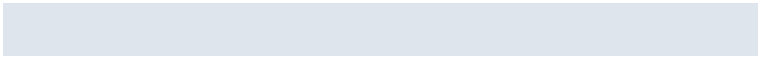
73.5911, 77.7827, 90.4918



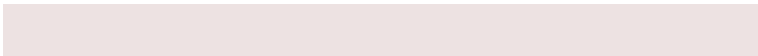
74.6285, 77.7827, 90.2060

Triad

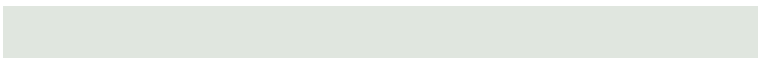
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5911, 77.7827, 90.4918



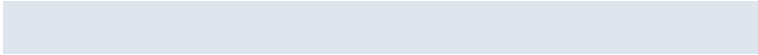
75.8312, 77.7827, 82.7138



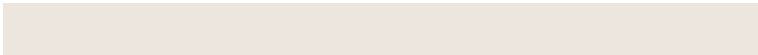
72.3954, 77.7827, 81.0669

Complementary

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



73.5911, 77.7827, 90.4918



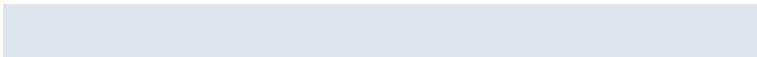
76.2085, 79.7537, 81.1908

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.



73.2361, 77.7827, 79.4076



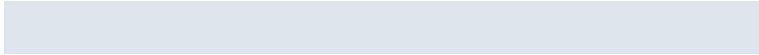
73.5911, 77.7827, 90.4918



75.2219, 77.7827, 80.3428

Square

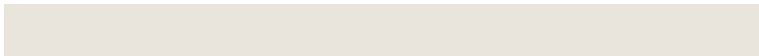
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5911, 77.7827, 90.4918



75.9284, 77.7827, 85.6683



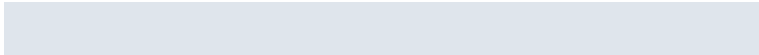
74.2702, 77.7827, 79.1457



71.9672, 77.7827, 83.7234

Rectangle

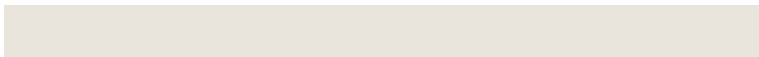
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5911, 77.7827, 90.4918



75.2367, 77.7827, 89.1593



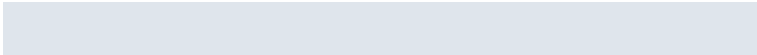
74.2702, 77.7827, 79.1457



72.6388, 77.7827, 80.3767

Sweetspot

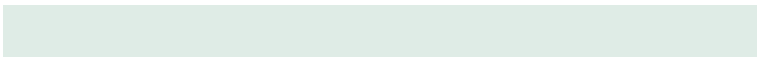
The Sweet Spot groups the original color and five complimentary colors.



73.5933, 77.7860, 90.4935



92.3291, 97.3067, 108.5235



74.7018, 81.3896, 86.5877



19.7908, 20.8559, 23.2325



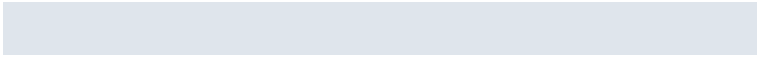
0.0000, 0.0000, 0.0000



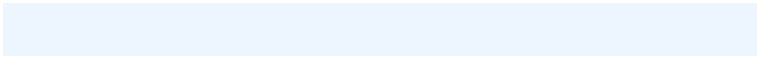
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5933, 77.7860, 90.4935



85.7966, 90.7933, 107.6106



72.0945, 74.5899, 89.9556



15.2244, 16.1178, 19.2309



11.4856, 9.6183, 44.9941



0.9972, 0.9459, 3.5649

Inverse Universe

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



75.1244, 76.2670, 84.8940



88.1092, 88.5319, 99.1457



77.7644, 83.0787, 81.7506



15.6687, 15.6856, 17.6040



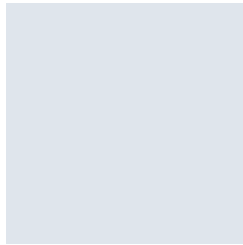
20.6527, 10.4638, 9.2385



1.6698, 0.8409, 0.9788

Previews

White Background



This preview shows how the XYZ color 73.5911, 77.7827, 90.4918 looks on a white background.

Color Contrast Check

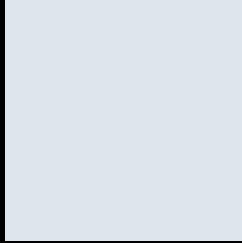
Large Text (above 18pt) WCAG AA × Fail

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 73.5911, 77.7827, 90.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

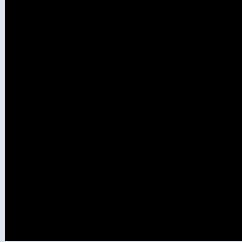
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

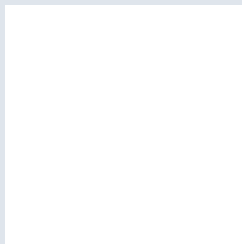
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5911, 77.7827, 90.4918

Background



This preview shows how black text looks on a background with the XYZ color 73.5911, 77.7827, 90.4918.



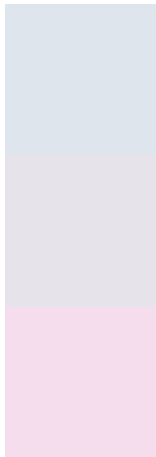
This preview shows how white text looks on a background with the XYZ color 73.5911, 77.7827,

90.4918.

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

73.5911, 77.7827, 90.4918

Protanopia

75.0976, 77.7593, 89.6482

Deuteranopia

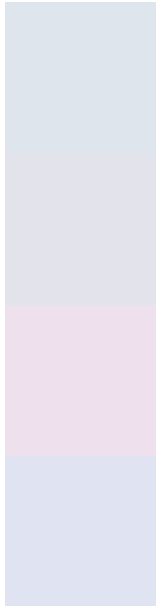
79.2951, 77.4788, 91.6645



Tritanopia

75.4293, 78.1482, 98.2973

Trichromacy



Original Color

73.5911, 77.7827, 90.4918

Protanomaly

74.4174, 77.8159, 89.6950

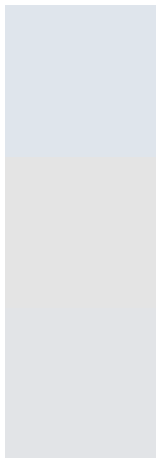
Deuteranomaly

77.2016, 77.6029, 91.0307

Tritanomaly

74.5109, 77.7449, 95.0835

Monochromacy



Original Color

73.5911, 77.7827, 90.4918

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5312, 77.4251, 86.6703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5911, 77.7827, 90.4918 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, 229, 236) looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 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, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.5911, 77.7827, 90.4918 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, 229, 236) }
```


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

```
.border{ border-color:rgb(223, 229, 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, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 229,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5911, 77.7827, 90.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 236) }
```

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

```
.background{ background-color: rgb(223,  
229, 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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