

Converting Colors

XYZ(73.9324, 78.5672, 90.9719)

Have a look what the booklet for
XYZ(73.9324, 78.5672, 90.9719)
contains.

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Color

**XYZ(73.8686, 78.3377,
90.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE6EC
RGB	223, 230, 236
RGB Percent	87%, 90%, 93%
CMY	0.1255, 0.0980, 0.0745
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 25%, 90%
HSV	208°, 6%, 93%
XYZ	73.8686, 78.3377, 90.5843
YIQ	228.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

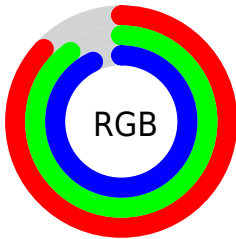
Format	Color
R _Y B	223, 228, 236
Decimal	14673644
CIE Lab	90.93, -1.22, -3.73
CIE LCh	91, 3.928, 251.924
Yxy	78.3377, 0.3042, 0.3227
Android (android.graphics.Color)	4292863724 (0xFFDFE6EC)
YUV	228.5910, 3.6526, -4.9033
Hunter-Lab	88.5086, -5.9153, 1.2755

Details

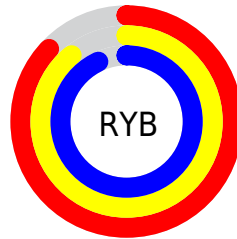
The XYZ color **73.8686, 78.3377, 90.5843** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9310, 79.1987, 81.0983**, and the grayscale version is **74.1549, 78.0167, 84.9602**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7166, 42.2801, 49.2476** is the 20% darker color. If you saturate the color by 10%, you get **64.1631, 68.9785, 89.2905**, and if you desaturate by 10%, it is **84.7813, 88.6045, 91.9920**.

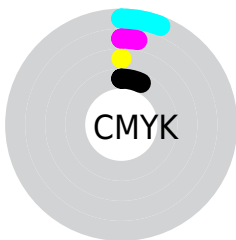
Distribution



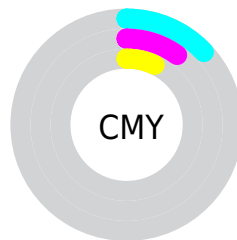
- Red (87%)
- Green (90%)
- Blue (93%)



- 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 73.8686, 78.3377, 90.5843 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 73.8686, 78.3377, 90.5843 by changing the saturation by 10% instead.

■ 73.8686, 78.3377,
90.5843

■ 73.8686, 78.3377,
90.5843

463.0771,
489.3129, 550.5488

■ 54.9774, 58.3514,
67.8889

123.7060,
131.0261, 150.0924

■ 39.6174, 42.0912,
49.3412

155.3830,
164.4969, 187.7421

■ 27.4232, 29.1727,
34.5227

192.0525,
203.2315, 231.2137

■ 18.0296, 19.2115,
23.0149

234.0800,
247.6141, 280.9258

■ 11.0710, 11.8232,
14.3991

281.8309,
298.0291, 337.2967

■ 6.1823, 6.6234,
8.2568

335.6705,

■ 2.9979, 3.2277,

354.8610, 400.7452

4.1696

395.9641,
418.4942, 471.6897

■ 1.1527, 1.2518,
1.7188

■ 0.0685, 0.1034,
0.3736

■ 73.8686, 78.3377,
90.5843

■ 73.8686, 78.3377,
90.5843

■ 64.1631, 68.9785,
89.2905

■ 84.7813, 88.6045,
91.9920

■ 55.6129, 60.4885,
88.1024

■ 91.1212, 96.7975,
93.2393

■ 48.1722, 52.8411,
87.0185

■ 92.1406, 98.8362,
93.5791

■ 41.7894, 46.0042,
86.0353

■ 36.4083, 39.9434,
85.1490

■ 31.9672, 34.6211,
84.3558

■ 28.3968, 29.9955,
83.6511

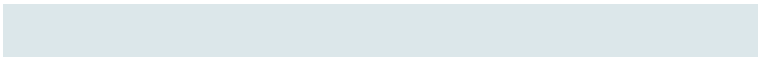
■ 25.6166, 26.0192,
83.0302

■ 23.5285, 22.6351,
82.4870

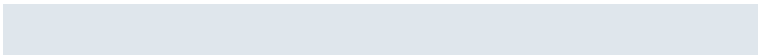
Harmonies

Analogous

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



73.0504, 78.3377, 88.9907



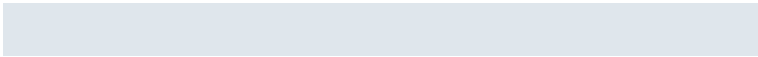
73.8686, 78.3377, 90.5843



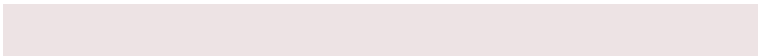
74.8516, 78.3377, 90.7420

Triad

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



73.8686, 78.3377, 90.5843



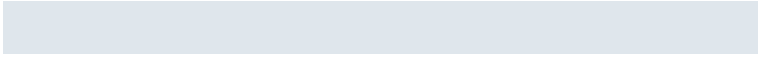
76.3356, 78.3377, 84.1751



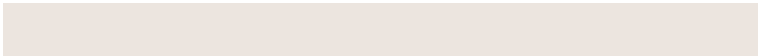
73.1931, 78.3377, 81.3045

Complementary

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



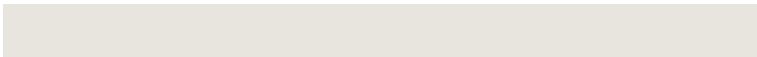
73.8686, 78.3377, 90.5843



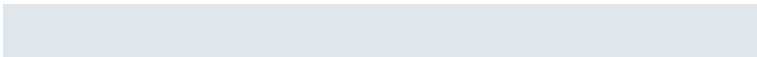
75.9310, 79.1987, 81.0983

Split Complementary

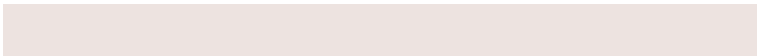
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0651, 78.3377, 80.0732



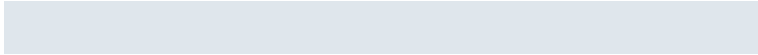
73.8686, 78.3377, 90.5843



75.8828, 78.3377, 81.7058

Square

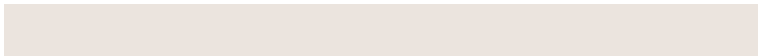
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8686, 78.3377, 90.5843



76.2818, 78.3377, 86.9991



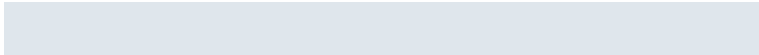
75.0498, 78.3377, 80.2185



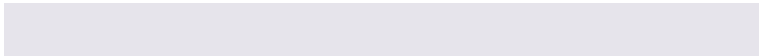
72.6628, 78.3377, 83.6162

Rectangle

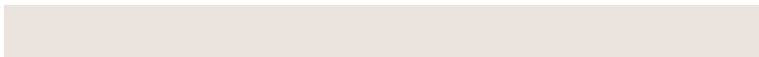
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8686, 78.3377, 90.5843



75.4687, 78.3377, 90.0074



75.0498, 78.3377, 80.2185



73.4556, 78.3377, 80.7528

Sweetspot

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



73.8709, 78.3410, 90.5860



92.4526, 97.5537, 108.5647



74.5501, 81.3290, 85.7892



19.8159, 20.9062, 23.2408



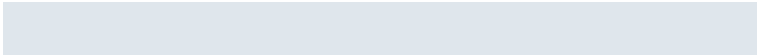
0.0000, 0.0000, 0.0000



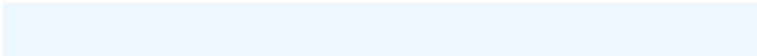
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8709, 78.3410, 90.5860



86.2145, 91.6290, 107.7499



72.1348, 74.8689, 90.0073



15.3046, 16.2782, 19.2576



12.6700, 11.9869, 45.3889



1.0910, 1.1335, 3.5962

Inverse Universe

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



75.2645, 76.3230, 85.6317



88.3201, 88.6162, 100.2563



77.7213, 82.7792, 81.6951



15.7092, 15.7017, 17.8171



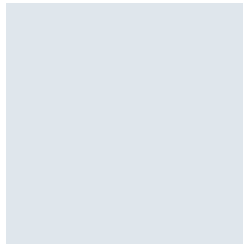
21.2505, 10.7029, 12.3865



1.7172, 0.8598, 1.2281

Previews

White Background



This preview shows how the XYZ color 73.8686, 78.3377, 90.5843 looks on a white background.

Color Contrast Check

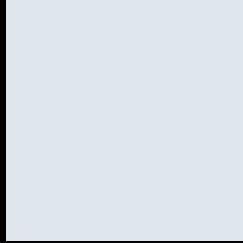
Large Text (above 18pt) WCAG AA × Fail

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 73.8686, 78.3377, 90.5843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

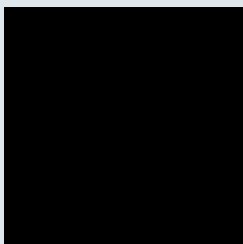
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

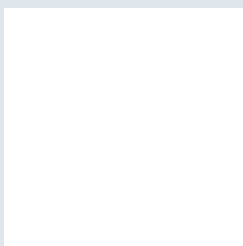
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8686, 78.3377, 90.5843

Background



This preview shows how black text looks on a background with the XYZ color 73.8686, 78.3377, 90.5843.

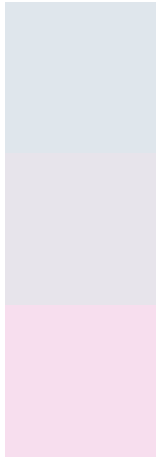


This preview shows how white text looks on a background with the XYZ color 73.8686, 78.3377,

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

73.8686, 78.3377, 90.5843

Protanopia

75.6938, 78.4739, 89.7547

Deuteranopia

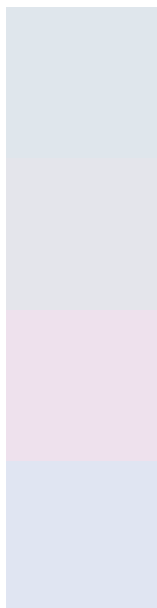
79.9117, 78.1898, 91.7693



Tritanopia

75.4293, 78.1482, 98.2973

Trichromacy



Original Color

73.8686, 78.3377, 90.5843

Protanomaly

75.0096, 78.5308, 89.8018

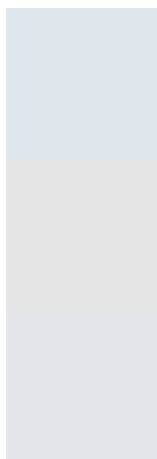
Deuteranomaly

77.4712, 78.1420, 91.1205

Tritanomaly

74.7868, 78.2967, 95.1755

Monochromacy



Original Color

73.8686, 78.3377, 90.5843

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2634, 78.1957, 87.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8686, 78.3377, 90.5843 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, 230, 236) looks like.

```
.text, #text, p{  
    color:rgb(223, 230, 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, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 230, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.8686, 78.3377, 90.5843 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, 230, 236) }
```


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

```
.border{ border-color:rgb(223, 230, 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, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 230,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8686, 78.3377, 90.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 230, 236) }
```

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

```
.background{ background-color: rgb(223,  
230, 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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