

Converting Colors

XYZ(73.6859, 78.2274, 93.4203)

Have a look what the booklet for
XYZ(73.6859, 78.2274, 93.4203)
contains.

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Color

**XYZ(73.8438, 78.2571,
93.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6F0
RGB	221, 230, 240
RGB Percent	87%, 90%, 94%
CMY	0.1333, 0.0980, 0.0588
CMYK	0.08, 0.04, 0.00, 0.06
HSL	212°, 39%, 90%
HSV	212°, 8%, 94%
XYZ	73.8438, 78.2571, 93.6512
YIQ	228.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

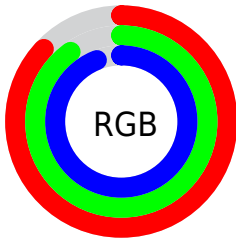
Format	Color
R _Y B	221, 227, 240
Decimal	14542576
CIE Lab	90.90, -1.11, -5.90
CIE LCh	91, 6.000, 259.320
Yxy	78.2571, 0.3005, 0.3184
Android (android.graphics.Color)	4292732656 (0xFFDDE6F0)
YUV	228.4490, 5.6946, -6.5328
Hunter-Lab	88.4630, -5.8089, -0.8431

Details

The XYZ color **73.8438, 78.2571, 93.6512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5625, 80.8969, 79.9346**, and the grayscale version is **74.0376, 77.8933, 84.8258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7076, 42.2276, 51.4053** is the 20% darker color. If you saturate the color by 10%, you get **63.6653, 67.9828, 92.2057**, and if you desaturate by 10%, it is **85.3260, 89.5856, 95.2339**.

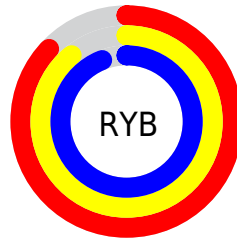
Distribution



Red (87%)

Green (90%)

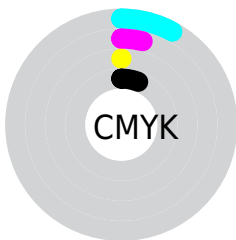
Blue (94%)



Red (87%)

Yellow (89%)

Blue (94%)

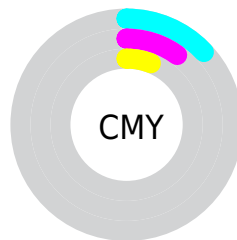


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8438, 78.2571, 93.6512 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 73.8438, 78.2571, 93.6512 by changing the saturation by 10% instead.

■ 73.8438, 78.2571,
93.6512

■ 73.8438, 78.2571,
93.6512

462.9927,
489.0395, 560.7115

■ 54.9570, 58.2852,
70.4222

123.6710,
130.9125, 154.3794

■ 39.6010, 42.0380,
51.3919

155.3422,
164.3648, 192.7156

■ 27.4104, 29.1310,
36.1417

192.0056,
203.0793, 236.9247

■ 18.0199, 19.1800,
24.2531

234.0265,
247.4405, 287.4252

■ 11.0640, 11.8004,
15.3075

281.7704,
297.8327, 344.6355

■ 6.1775, 6.6079,
8.8865

335.6024,

■ 2.9950, 3.2181,

354.6403, 408.9744

4.5714

395.8881,
418.2478, 480.8602

■ 1.1511, 1.2466,
1.9438

■ 0.0672, 0.0993,
0.5204

■ 73.8438, 78.2571,
93.6512

■ 73.8438, 78.2571,
93.6512

■ 63.6653, 67.9828,
92.2057

■ 85.3260, 89.5856,
95.2339

■ 54.7342, 58.7194,
90.8884

■ 92.7284, 99.0714,
96.6746

■ 47.0000, 50.4348,
89.6970

■ 40.4059, 43.0912,
88.6271

■ 34.8902, 36.6479,
87.6741

■ 30.3847, 31.0606,
86.8331

■ 26.8125, 26.2801,
86.0986

■ 24.0838, 22.2500,
85.4646

■ 22.0781, 18.8979,
84.9233

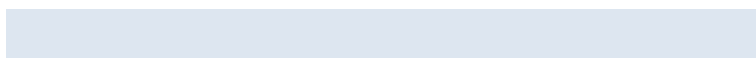
Harmonies

Analogous

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



72.5029, 78.2571, 91.6771



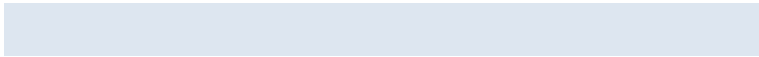
73.8438, 78.2571, 93.6512



75.3466, 78.2571, 93.3060

Triad

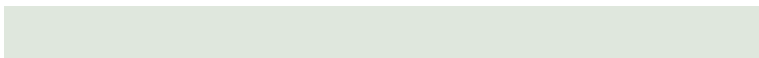
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8438, 78.2571, 93.6512



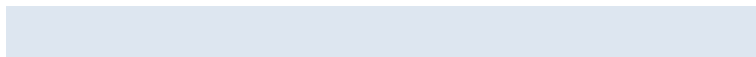
77.1571, 78.2571, 82.4848



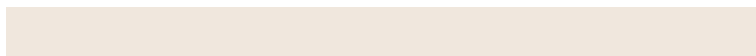
72.1990, 78.2571, 79.8983

Complementary

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



73.8438, 78.2571, 93.6512



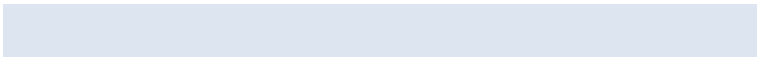
77.5625, 80.8969, 79.9346

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.



73.4238, 78.2571, 77.5939



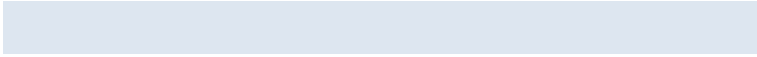
73.8438, 78.2571, 93.6512



76.2913, 78.2571, 79.0519

Square

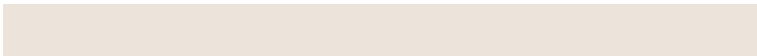
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8438, 78.2571, 93.6512



77.2733, 78.2571, 86.7603



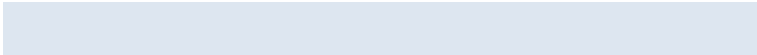
74.9209, 78.2571, 77.2894



71.5619, 78.2571, 83.6757

Rectangle

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



73.8438, 78.2571, 93.6512



76.2376, 78.2571, 91.8104



74.9209, 78.2571, 77.2894



72.5549, 78.2571, 78.9312

Sweetspot

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



73.8461, 78.2604, 93.6529



92.3485, 97.3455, 108.5300



75.3781, 83.4528, 87.6020



19.7947, 20.8638, 23.2338



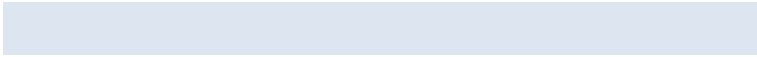
0.0000, 0.0000, 0.0000



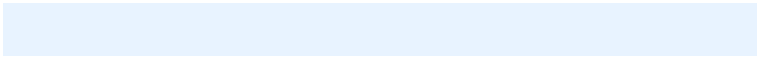
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8461, 78.2604, 93.6529



83.3732, 88.4407, 107.2843



71.5012, 73.4275, 92.8437



15.5150, 16.4642, 20.0818



12.0183, 10.2608, 46.4750



1.0987, 1.0514, 3.8993

Inverse Universe

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



76.0763, 75.9529, 85.5176



86.2771, 85.4679, 96.6846



80.0402, 86.0118, 80.7913



16.0847, 15.8836, 18.0020



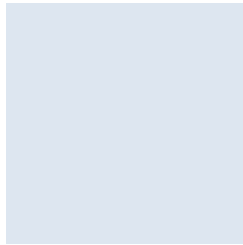
21.3919, 10.8292, 9.9803



1.8295, 0.9209, 1.0932

Previews

White Background



This preview shows how the XYZ color 73.8438, 78.2571, 93.6512 looks on a white background.

Color Contrast Check

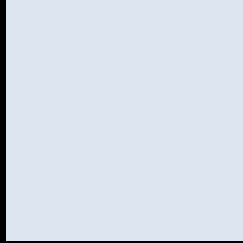
Large Text (above 18pt) WCAG AA × Fail

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 73.8438, 78.2571, 93.6512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

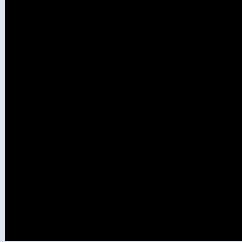
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

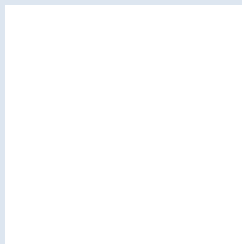
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8438, 78.2571, 93.6512

Background



This preview shows how black text looks on a background with the XYZ color 73.8438, 78.2571, 93.6512.

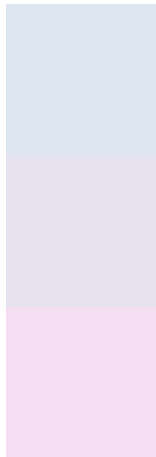


This preview shows how white text looks on a background with the XYZ color 73.8438, 78.2571,

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

73.8438, 78.2571, 93.6512

Protanopia

75.5348, 77.9342, 91.9506

Deuteranopia

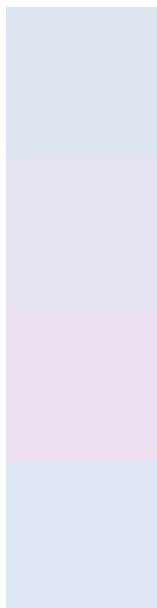
79.8045, 78.0658, 94.8665



Tritanopia

74.9320, 78.2836, 99.1566

Trichromacy



Original Color

73.8438, 78.2571, 93.6512

Protanomaly

75.0019, 78.0497, 92.7734

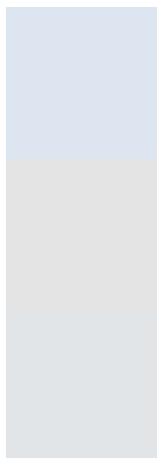
Deuteranomaly

77.3945, 78.0342, 94.2021

Tritanomaly

74.4726, 78.0999, 96.7376

Monochromacy



Original Color

73.8438, 78.2571, 93.6512

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6361, 77.8724, 87.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8438, 78.2571, 93.6512 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(221, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 240)  
}
```

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(221, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.8438, 78.2571, 93.6512 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(221, 230, 240) }
```


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

```
.border{ border-color:rgb(221, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(221, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8438, 78.2571, 93.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 240) }
```

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

```
.background{ background-color: rgb(221,  
230, 240) }
```

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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