

Converting Colors

XYZ(73.5249, 79.0107, 93.6589)

Have a look what the booklet for
XYZ(73.5249, 79.0107, 93.6589)
contains.

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Color

**XYZ(73.4982, 78.9099,
93.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE8F0
RGB	218, 232, 240
RGB Percent	85%, 91%, 94%
CMY	0.1451, 0.0902, 0.0588
CMYK	0.09, 0.03, 0.00, 0.06
HSL	202°, 42%, 90%
HSV	202°, 9%, 94%
XYZ	73.4982, 78.9099, 93.7954
YIQ	228.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

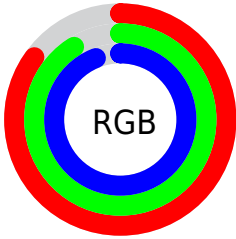
Format	Color
R _Y B	218, 227, 240
Decimal	14346480
CIE Lab	91.19, -3.11, -5.48
CIE LCh	91, 6.302, 240.454
Yxy	78.9099, 0.2985, 0.3205
Android (android.graphics.Color)	4292536560 (0xFFDAE8F0)
YUV	228.7260, 5.5581, -9.4067
Hunter-Lab	88.8312, -7.7653, -0.4214

Details

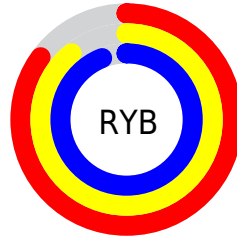
The XYZ color **73.4982, 78.9099, 93.7954** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7867, 77.9794, 77.3881**, and the grayscale version is **74.2429, 78.1093, 85.0611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2813, 42.2979, 51.4414** is the 20% darker color. If you saturate the color by 10%, you get **64.4400, 70.6869, 92.6869**, and if you desaturate by 10%, it is **83.7221, 87.9191, 94.9967**.

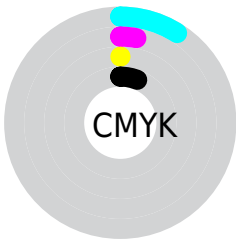
Distribution



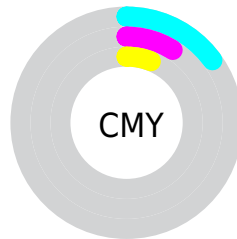
- Red (85%)
- Green (91%)
- Blue (94%)



- Red (85%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4982, 78.9099, 93.7954 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 73.4982, 78.9099, 93.7954 by changing the saturation by 10% instead.

■ 73.4982, 78.9099,
93.7954

■ 73.4982, 78.9099,
93.7954

461.8168,
491.2515, 561.1869

■ 54.6733, 58.8217,
70.5415

123.1835,
131.8320, 154.5806

■ 39.3730, 42.4696,
51.4885

154.7746,
165.4347, 192.9489

■ 27.2320, 29.4692,
36.2181

191.3518,
204.3111, 237.1924

■ 17.8851, 19.4360,
24.3117

233.2805,
248.8455, 287.7296

■ 10.9667, 11.9858,
15.3507

280.9260,
299.4224, 344.9792

■ 6.1116, 6.7340,
8.9165

334.6536,

■ 2.9543, 3.2963,

356.4261, 409.3595

4.5907

394.8288,
420.2410, 481.2893

■ 1.1297, 1.2883,
1.9547

■ 0.0497, 0.1321,
0.5272

■ 73.4982, 78.9099,
93.7954

■ 73.4982, 78.9099,
93.7954

■ 64.4400, 70.6869,
92.6869

■ 83.7221, 87.9191,
94.9967

■ 56.4944, 63.2137,
91.6632

■ 90.9840, 95.5826,
96.0932

■ 49.6142, 56.4655,
90.7232

■ 92.7284, 99.0714,
96.6746

■ 43.7461, 50.4120,
89.8641

■ 38.8317, 45.0204,
89.0824

■ 34.8060, 40.2543,
88.3746

■ 31.5955, 36.0729,
87.7368

■ 29.1130, 32.4282,
87.1641

■ 27.2256, 29.2486,
86.6499

Harmonies

Analogous

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



72.3868, 78.9099, 90.4521



73.4982, 78.9099, 93.7954



75.0258, 78.9099, 95.0122

Triad

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



73.4982, 78.9099, 93.7954



78.1126, 78.9099, 85.8498



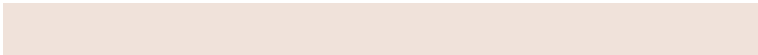
73.4566, 78.9099, 78.5629

Complementary

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



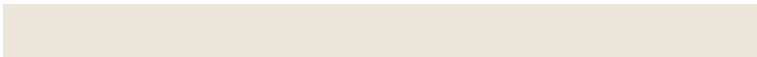
73.4982, 78.9099, 93.7954



75.7867, 77.9794, 77.3881

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.



74.9772, 78.9099, 77.4262



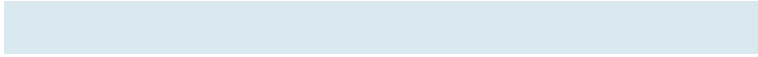
73.4982, 78.9099, 93.7954



77.6784, 78.9099, 81.5409

Square

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



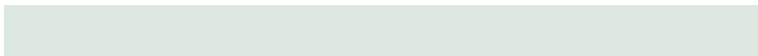
73.4982, 78.9099, 93.7954



77.7034, 78.9099, 90.3272



76.5251, 78.9099, 78.4972



72.3630, 78.9099, 81.6575

Rectangle

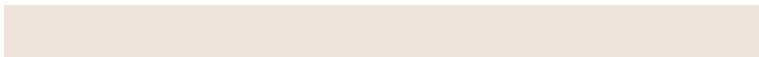
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



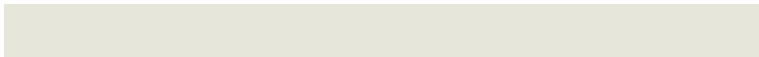
73.4982, 78.9099, 93.7954



76.0792, 78.9099, 94.4210



76.5251, 78.9099, 78.4972



73.9340, 78.9099, 77.9442

Sweetspot

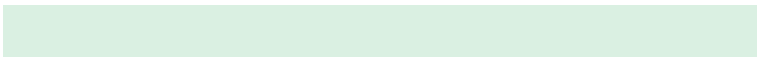
The Sweet Spot groups the original color and five complimentary colors.



73.5005, 78.9132, 93.7971



91.4107, 96.8165, 108.4773



73.7611, 82.7014, 83.8125



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



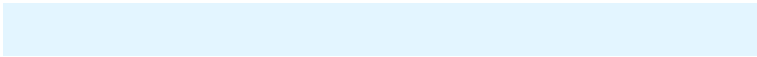
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5005, 78.9132, 93.7971



82.3061, 88.7293, 107.3962



70.5786, 73.0695, 92.8232



15.7362, 16.9065, 20.1555



14.9555, 16.1352, 47.4540



1.3384, 1.5307, 3.9791

Inverse Universe

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



75.5738, 74.4958, 86.7437



85.1470, 82.7515, 97.7147



78.7887, 83.9833, 78.3888



16.1963, 15.9282, 18.5898



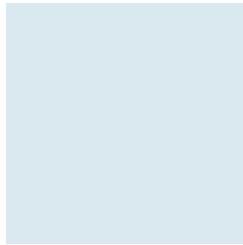
22.8745, 11.4222, 17.7873



1.9505, 0.9692, 1.7301

Previews

White Background



This preview shows how the XYZ color 73.4982, 78.9099, 93.7954 looks on a white background.

Color Contrast Check

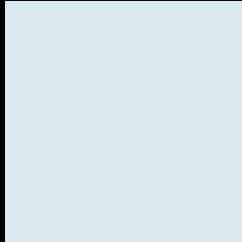
Large Text (above 18pt) WCAG AA × Fail

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 73.4982, 78.9099, 93.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

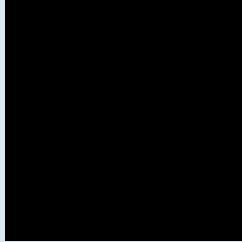
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

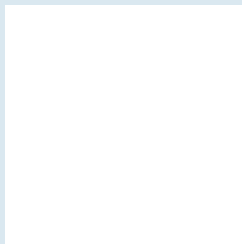
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4982, 78.9099, 93.7954

Background



This preview shows how black text looks on a background with the XYZ color 73.4982, 78.9099, 93.7954.



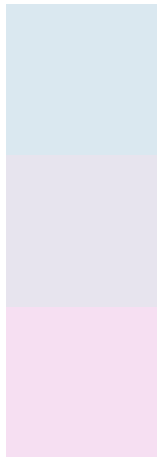
This preview shows how white text looks on a background with the XYZ color 73.4982, 78.9099,

93.7954.

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

73.4982, 78.9099, 93.7954

Protanopia

76.1310, 78.6488, 92.0571

Deuteranopia

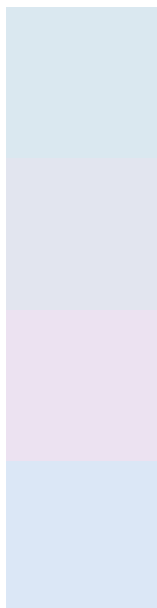
80.4207, 78.7790, 94.9716



Tritanopia

75.1900, 79.2070, 100.9481

Trichromacy



Original Color

73.4982, 78.9099, 93.7954

Protanomaly

74.9633, 78.4394, 92.8507

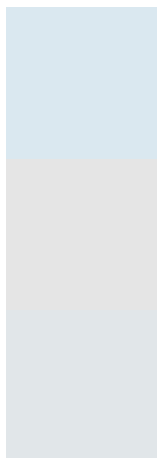
Deuteranomaly

77.6656, 78.5765, 94.2924

Tritanomaly

74.4239, 78.8657, 98.4888

Monochromacy



Original Color

73.4982, 78.9099, 93.7954

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0561, 78.4844, 88.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4982, 78.9099, 93.7954 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, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(218, 232, 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(218, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.4982, 78.9099, 93.7954 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, 232, 240) }
```


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

```
.border{ border-color:rgb(218, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4982, 78.9099, 93.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 232, 240) }
```

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

```
.background{ background-color: rgb(218,  
232, 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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