

Converting Colors

XYZ(73.3939, 78.6240, 93.8264)

Have a look what the booklet for
XYZ(73.3939, 78.6240, 93.8264)
contains.

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Color

**XYZ(73.2175, 78.3485,
93.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE7F0
RGB	218, 231, 240
RGB Percent	85%, 91%, 94%
CMY	0.1451, 0.0941, 0.0588
CMYK	0.09, 0.04, 0.00, 0.06
HSL	205°, 42%, 90%
HSV	205°, 9%, 94%
XYZ	73.2175, 78.3485, 93.7019
YIQ	228.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

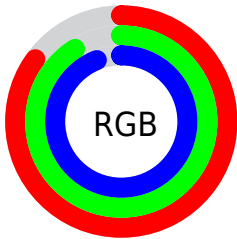
Format	Color
R _Y B	218, 226, 240
Decimal	14346224
CIE Lab	90.94, -2.59, -5.86
CIE LCh	91, 6.408, 246.115
Yxy	78.3485, 0.2985, 0.3194
Android (android.graphics.Color)	4292536304 (0xFFDAE7F0)
YUV	228.1390, 5.8475, -8.8919
Hunter-Lab	88.5147, -7.2492, -0.8043

Details

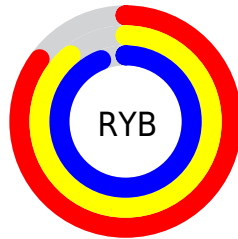
The XYZ color **73.2175, 78.3485, 93.7019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0595, 78.5248, 77.4790**, and the grayscale version is **73.8105, 77.6544, 84.5656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0860, 41.9072, 51.3762** is the 20% darker color. If you saturate the color by 10%, you get **63.8838, 69.5746, 92.5015**, and if you desaturate by 10%, it is **83.7490, 87.9728, 95.0057**.

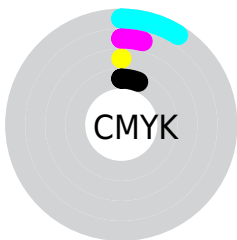
Distribution



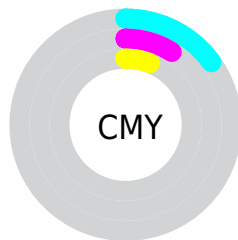
- Red (85%)
- Green (91%)
- Blue (94%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2175, 78.3485, 93.7019 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 73.2175, 78.3485, 93.7019 by changing the saturation by 10% instead.

■ 73.2175, 78.3485,
93.7019

■ 73.2175, 78.3485,
93.7019

460.8604,
489.3496, 560.8787

■ 54.4428, 58.3603,
70.4641

122.7874,
131.0413, 154.4501

■ 39.1879, 42.0984,
51.4259

154.3133,
164.5147, 192.7976

■ 27.0873, 29.1783,
36.1686

190.8204,
203.2519, 237.0188

■ 17.7757, 19.2158,
24.2737

232.6740,
247.6374, 287.5322

■ 10.8878, 11.8263,
15.3227

280.2395,
298.0555, 344.7564

■ 6.0582, 6.6255,
8.8970

333.8821,

■ 2.9215, 3.2290,

354.8906, 409.1098

4.5782

393.9673,
418.5272, 481.0111

■ 1.1124, 1.2524,
1.9476

■ 0.0354, 0.1039,
0.5228

■ 73.2175, 78.3485,
93.7019

■ 73.2175, 78.3485,
93.7019

■ 63.8838, 69.5746,
92.5015

■ 83.7490, 87.9728,
95.0057

■ 55.6941, 61.6133,
91.3965

■ 91.3514, 96.3174,
96.2157

■ 48.6005, 54.4381,
90.3854

■ 92.7284, 99.0714,
96.6747

■ 42.5488, 48.0174,
89.4650

■ 37.4797, 42.3164,
88.6318

■ 33.3276, 37.2973,
87.8819

■ 30.0177, 32.9173,
87.2109

■ 27.4622, 29.1266,
86.6139

■ 25.5272, 25.8517,
86.0838

Harmonies

Analogous

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



71.9871, 78.3485, 90.6587



73.2175, 78.3485, 93.7019



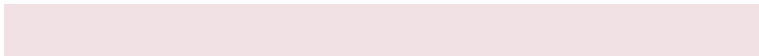
74.7992, 78.3485, 94.4609

Triad

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



73.2175, 78.3485, 93.7019



77.5987, 78.3485, 84.3642



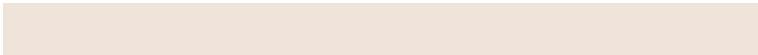
72.6524, 78.3485, 78.3230

Complementary

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



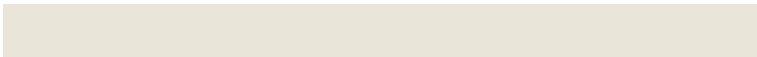
73.2175, 78.3485, 93.7019



76.0595, 78.5248, 77.4790

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.



74.1376, 78.3485, 76.7666



73.2175, 78.3485, 93.7019



77.0050, 78.3485, 80.1725

Square

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



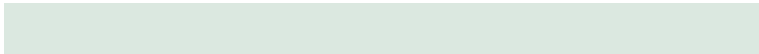
73.2175, 78.3485, 93.7019



77.3438, 78.3485, 88.9604



75.7325, 78.3485, 77.4314



71.6642, 78.3485, 81.7574

Rectangle

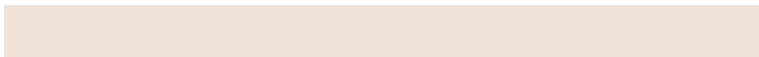
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2175, 78.3485, 93.7019



75.8433, 78.3485, 93.5462



75.7325, 78.3485, 77.4314



73.1092, 78.3485, 77.5686

Sweetspot

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



73.2198, 78.3518, 93.7036



91.3014, 96.5981, 108.4409



73.9123, 82.7619, 84.6087



19.3324, 20.4846, 23.1849



0.0000, 0.0000, 0.0000



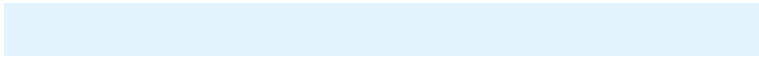
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2198, 78.3518, 93.7036



81.9220, 87.9613, 107.2682



70.2886, 72.4895, 92.7266



15.6739, 16.7819, 20.1347



14.0274, 14.2790, 47.1447



1.2645, 1.3831, 3.9545

Inverse Universe

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



75.4321, 74.4391, 85.9976



84.9532, 82.6739, 96.6939



79.1077, 84.6212, 78.4951



16.1648, 15.9157, 18.4243



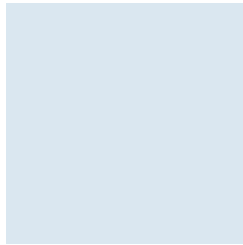
22.4060, 11.2348, 15.3204



1.9132, 0.9543, 1.5339

Previews

White Background



This preview shows how the XYZ color 73.2175, 78.3485, 93.7019 looks on a white background.

Color Contrast Check

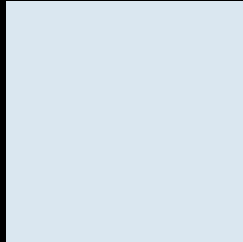
Large Text (above 18pt) WCAG AA × Fail

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 73.2175, 78.3485, 93.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

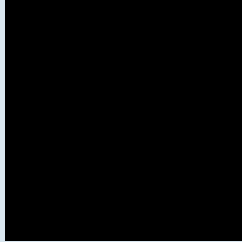
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

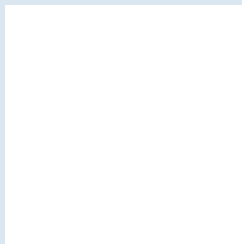
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2175, 78.3485, 93.7019

Background



This preview shows how black text looks on a background with the XYZ color 73.2175, 78.3485, 93.7019.

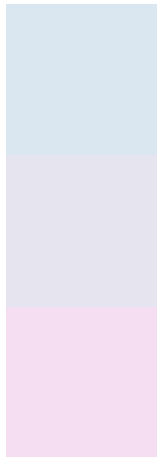


This preview shows how white text looks on a background with the XYZ color 73.2175, 78.3485,

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

73.2175, 78.3485, 93.7019

Protanopia

75.8091, 78.4828, 92.0421

Deuteranopia

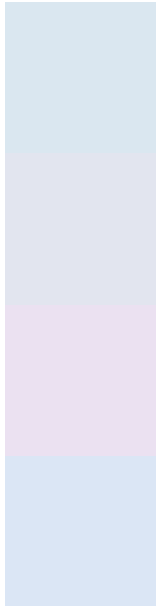
79.8045, 78.0658, 94.8665



Tritanopia

74.4535, 78.4310, 100.0215

Trichromacy



Original Color

73.2175, 78.3485, 93.7019

Protanomaly

74.9633, 78.4394, 92.8507

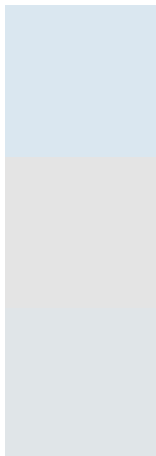
Deuteranomaly

77.0633, 77.8635, 94.1866

Tritanomaly

73.9917, 78.2463, 97.5895

Monochromacy



Original Color

73.2175, 78.3485, 93.7019

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3253, 77.7121, 87.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2175, 78.3485, 93.7019 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, 231, 240) looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 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, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.2175, 78.3485, 93.7019 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, 231, 240) }
```


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

```
.border{ border-color:rgb(218, 231, 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, 231, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2175, 78.3485, 93.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 240) }
```

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

```
.background{ background-color: rgb(218,  
231, 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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