

Converting Colors

XYZ(73.5297, 79.2856, 89.0640)

Have a look what the booklet for
XYZ(73.5297, 79.2856, 89.0640)
contains.

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Color

**XYZ(73.8090, 79.5905,
89.3143)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE9EA
RGB	221, 233, 234
RGB Percent	87%, 91%, 92%
CMY	0.1333, 0.0863, 0.0823
CMYK	0.06, 0.00, 0.00, 0.08
HSL	185°, 24%, 89%
HSV	185°, 6%, 92%
XYZ	73.8090, 79.5905, 89.3143
YIQ	229.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

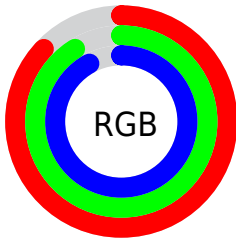
Format	Color
R _Y B	221, 227, 234
Decimal	14543338
CIE Lab	91.50, -3.79, -1.87
CIE LCh	92, 4.224, 206.319
Yxy	79.5905, 0.3041, 0.3279
Android (android.graphics.Color)	4292733418 (0xFFDDE9EA)
YUV	229.5260, 2.2057, -7.4773
Hunter-Lab	89.2135, -8.4453, 3.0925

Details

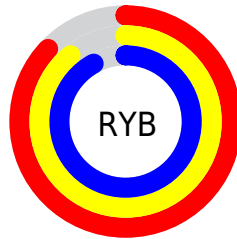
The XYZ color **73.8090, 79.5905, 89.3143** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.1044, 74.9548, 79.0226**, and the grayscale version is **74.8538, 78.7520, 85.7609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4839, 42.7656, 48.2930** is the 20% darker color. If you saturate the color by 10%, you get **66.6706, 75.1628, 88.8371**, and if you desaturate by 10%, it is **81.9501, 84.5472, 89.8432**.

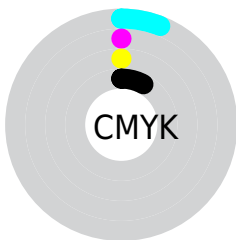
Distribution



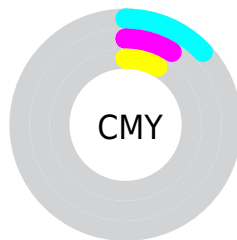
- Red (87%)
- Green (91%)
- Blue (92%)



- Red (87%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8090, 79.5905, 89.3143 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 73.8090, 79.5905, 89.3143 by changing the saturation by 10% instead.

■ 73.8090, 79.5905,
89.3143

■ 73.8090, 79.5905,
89.3143

462.8744,
493.5517, 546.3102

■ 54.9285, 59.3814,
66.8416

123.6220,
132.7898, 148.3127

■ 39.5781, 42.9202,
48.4951

155.2851,
166.5489, 185.6755

■ 27.3925, 29.8225,
33.8564

191.9398,
205.5934, 228.8387

■ 18.0063, 19.7039,
22.5068

233.9514,
250.3078, 278.2209

■ 11.0542, 12.1800,
14.0279

281.6854,
301.0764, 334.2406

■ 6.1709, 6.8664,
8.0011

335.5069,

■ 2.9909, 3.3787,

358.2837, 397.3164

4.0079

395.7815,
422.3140, 467.8667

■ 1.1490, 1.3325,
1.6297

■ 0.0655, 0.1661,
0.3119

■ 73.8090, 79.5905,
89.3143

■ 73.8090, 79.5905,
89.3143

■ 66.6706, 75.1628,
88.8371

■ 81.9501, 84.5472,
89.8432

■ 60.4872, 71.2328,
88.4045

■ 86.2578, 87.5332,
90.1925

■ 55.2175, 67.7815,
88.0160

■ 86.7785, 88.5746,
90.3661

■ 50.8143, 64.7845,
87.6696

■ 87.3044, 89.6264,
90.5414

47.2264, 62.2154,
87.3628

87.8355, 90.6887,
90.7184

44.3970, 60.0448,
87.0930

88.3719, 91.7614,
90.8972

42.2620, 58.2398,
86.8571

88.9135, 92.8446,
91.0777

40.7469, 56.7618,
86.6517

89.4604, 93.9384,
91.2600

39.7595, 55.5633,
86.4724

90.0126, 95.0427,
91.4441

Harmonies

Analogous

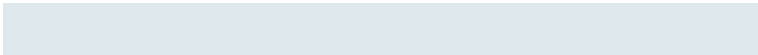
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6024, 79.5905, 86.2807



73.8090, 79.5905, 89.3143



74.5068, 79.5905, 91.6854

Triad

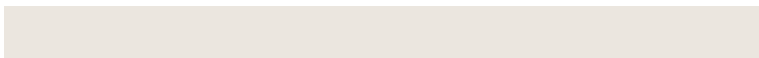
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8090, 79.5905, 89.3143



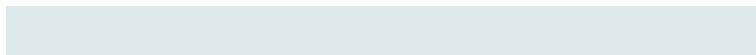
77.3831, 79.5905, 89.9882



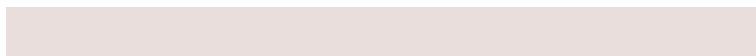
75.7813, 79.5905, 80.8808

Complementary

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



73.8090, 79.5905, 89.3143



73.1044, 74.9548, 79.0226

Split Complementary

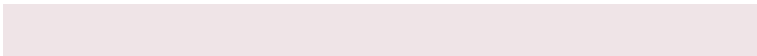
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8016, 79.5905, 81.8227



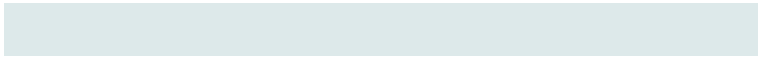
73.8090, 79.5905, 89.3143



77.7319, 79.5905, 87.0415

Square

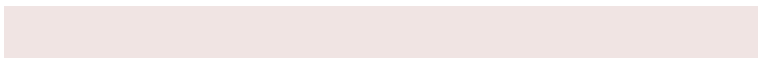
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8090, 79.5905, 89.3143



76.5694, 79.5905, 92.0809



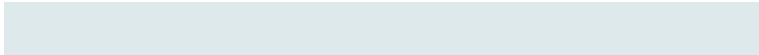
77.5181, 79.5905, 84.0598



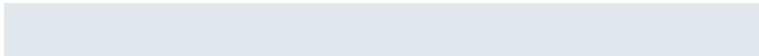
74.7348, 79.5905, 81.4571

Rectangle

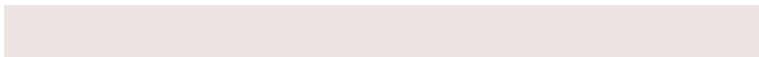
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



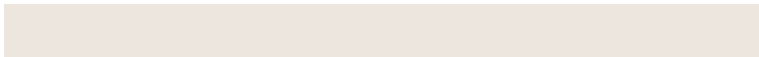
73.8090, 79.5905, 89.3143



75.1601, 79.5905, 92.5462



77.5181, 79.5905, 84.0598



76.1388, 79.5905, 81.0298

Sweetspot

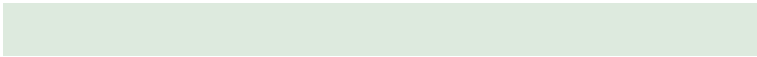
The Sweet Spot groups the original color and five complimentary colors.



73.8113, 79.5939, 89.3161



93.0739, 98.7964, 108.7718



72.4098, 79.4859, 80.5407



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000



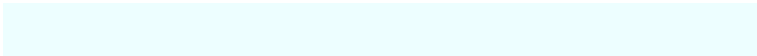
20.3446, 21.4041, 23.3091

Same Dimension

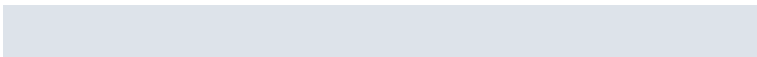
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8113, 79.5939, 89.3161



88.3503, 95.9006, 108.4618



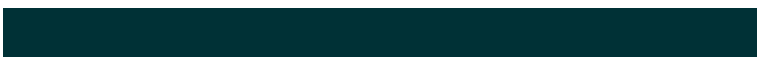
72.0402, 76.0518, 88.7257



15.7152, 17.0994, 19.3945



22.1962, 31.0393, 48.5643



1.7724, 2.4962, 3.8233

Inverse Universe

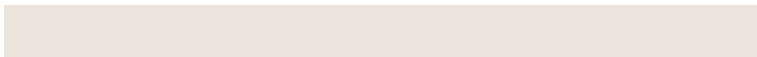
The Inverse Universe completely reimagines the original color for something new.



74.4979, 75.0900, 87.6621



89.3981, 89.0475, 105.9333



74.8285, 78.4030, 79.5973



15.9165, 15.7847, 18.9085



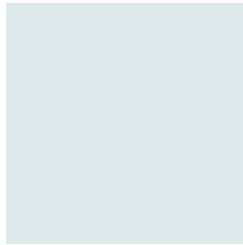
26.0589, 12.6262, 37.7070



2.0611, 0.9974, 3.0392

Previews

White Background



This preview shows how the XYZ color 73.8090, 79.5905, 89.3143 looks on a white background.

Color Contrast Check

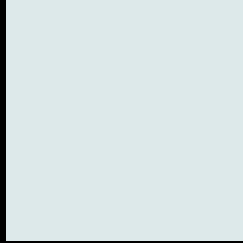
Large Text (above 18pt) WCAG AA × Fail

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 73.8090, 79.5905, 89.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

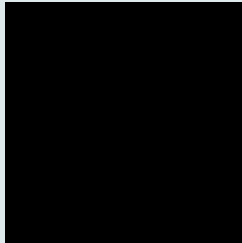
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

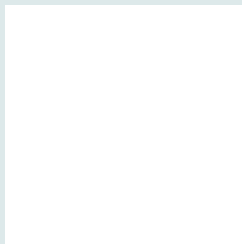
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8090, 79.5905, 89.3143

Background



This preview shows how black text looks on a background with the XYZ color 73.8090, 79.5905, 89.3143.



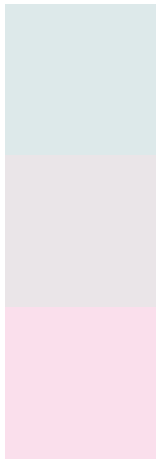
This preview shows how white text looks on a background with the XYZ color 73.8090, 79.5905,

89.3143.

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

73.8090, 79.5905, 89.3143

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

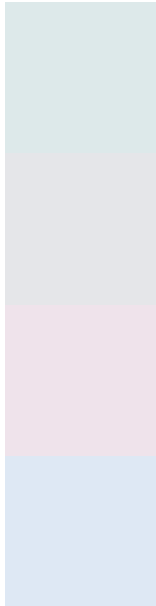
80.9523, 79.1555, 90.3688



Tritanopia

76.1062, 79.6794, 100.9910

Trichromacy



Original Color

73.8090, 79.5905, 89.3143

Protanomaly

75.3179, 79.1348, 88.3957

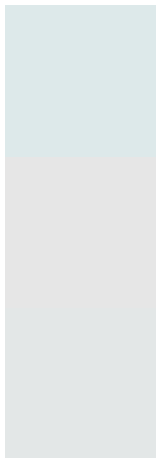
Deuteranomaly

78.0611, 79.2871, 89.7869

Tritanomaly

75.3099, 79.7745, 97.0167

Monochromacy



Original Color

73.8090, 79.5905, 89.3143

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6783, 79.2522, 86.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8090, 79.5905, 89.3143 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, 233, 234) looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 234)  
}
```

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, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.8090, 79.5905, 89.3143 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, 233, 234) }
```


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

```
.border{ border-color:rgb(221, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8090, 79.5905, 89.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 233, 234) }
```

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

```
.background{ background-color: rgb(221,  
233, 234) }
```

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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