

Converting Colors

XYZ(74.4484, 79.8351, 92.0074)

Have a look what the booklet for
XYZ(74.4484, 79.8351, 92.0074)
contains.

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Color

**XYZ(74.3903, 79.8230,
92.3755)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE9EE
RGB	221, 233, 238
RGB Percent	87%, 91%, 93%
CMY	0.1333, 0.0863, 0.0667
CMYK	0.07, 0.02, 0.00, 0.07
HSL	198°, 33%, 90%
HSV	198°, 7%, 93%
XYZ	74.3903, 79.8230, 92.3755
YIQ	229.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

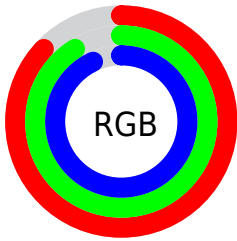
Format	Color
R _Y B	221, 228, 238
Decimal	14543342
CIE Lab	91.61, -3.03, -3.81
CIE LCh	92, 4.868, 231.453
Yxy	79.8230, 0.3017, 0.3237
Android (android.graphics.Color)	4292733422 (0xFFDDE9EE)
YUV	229.9820, 3.9529, -7.8772
Hunter-Lab	89.3437, -7.7270, 1.2387

Details

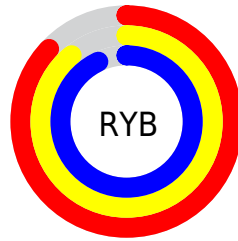
The XYZ color **74.3903, 79.8230, 92.3755** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5077, 77.7897, 79.4431**, and the grayscale version is **75.1787, 79.0939, 86.1332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8915, 42.9287, 50.4395** is the 20% darker color. If you saturate the color by 10%, you get **65.7108, 72.4690, 91.4147**, and if you desaturate by 10%, it is **84.1802, 87.8704, 93.4140**.

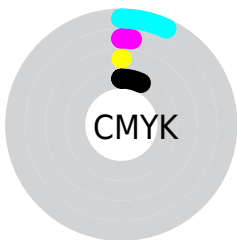
Distribution



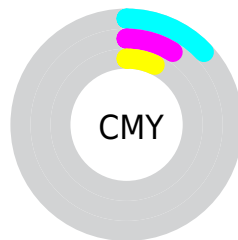
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3903, 79.8230, 92.3755 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 74.3903, 79.8230, 92.3755 by changing the saturation by 10% instead.

■ 74.3903, 79.8230,
92.3755

■ 74.3903, 79.8230,
92.3755

464.8489,
494.3361, 556.4966

■ 55.4060, 59.5727,
69.3678

124.4415,
133.1169, 152.5979

■ 39.9620, 43.0743,
50.5377

156.2390,
166.9292, 190.6497

■ 27.6930, 29.9434,
35.4666

193.0383,
206.0310, 234.5533

■ 18.2336, 19.7957,
23.7361

235.2047,
250.8067, 284.7272

■ 11.2185, 12.2466,
14.9276

283.1036,
301.6407, 341.5899

■ 6.2824, 6.9118,
8.6225

337.1004,

■ 3.0598, 3.4070,

358.9173, 405.5600

4.4024

397.5604,
423.0210, 477.0561

■ 1.1855, 1.3477,
1.8486

■ 0.0949, 0.1777,
0.4597

■ 74.3903, 79.8230,
92.3755

■ 74.3903, 79.8230,
92.3755

■ 65.7108, 72.4690,
91.4147

■ 84.1802, 87.8704,
93.4140

■ 58.0908, 65.7742,
90.5241

■ 89.9322, 93.9518,
94.2847

■ 51.4858, 59.7165,
89.7030

■ 92.1116, 98.3106,
95.0112

■ 45.8451, 54.2683,
88.9487

■ 92.4328, 98.9531,
95.1183

■ 41.1134, 49.3999,
88.2584

■ 37.2297, 45.0782,
87.6289

■ 34.1246, 41.2661,
87.0567

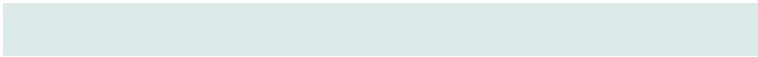
■ 31.7170, 37.9203,
86.5378

■ 29.9021, 34.9852,
86.0670

Harmonies

Analogous

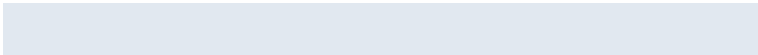
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6674, 79.8230, 89.4402



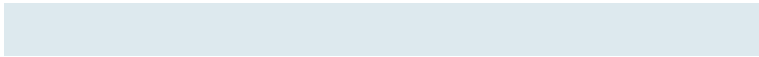
74.3903, 79.8230, 92.3755



75.5148, 79.8230, 93.8570

Triad

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



74.3903, 79.8230, 92.3755



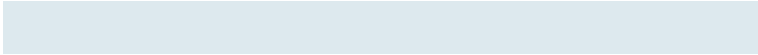
78.2565, 79.8230, 87.9346



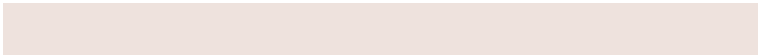
74.9989, 79.8230, 80.6998

Complementary

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



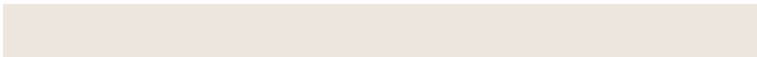
74.3903, 79.8230, 92.3755



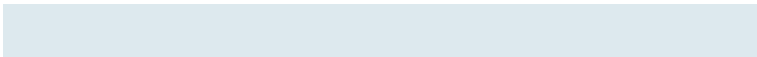
75.5077, 77.7897, 79.4431

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.



76.2250, 79.8230, 80.3215



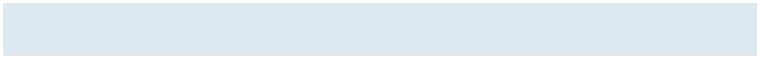
74.3903, 79.8230, 92.3755



78.1147, 79.8230, 84.4352

Square

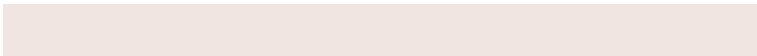
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3903, 79.8230, 92.3755



77.7532, 79.8230, 91.2475



77.3679, 79.8230, 81.6715



74.0162, 79.8230, 82.7193

Rectangle

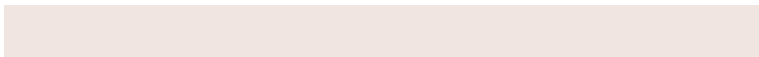
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



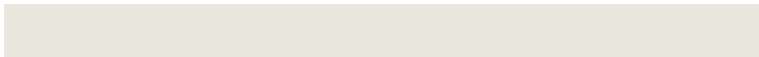
74.3903, 79.8230, 92.3755



76.3447, 79.8230, 93.7936



77.3679, 79.8230, 81.6715



75.3960, 79.8230, 80.3787

Sweetspot

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



74.3926, 79.8264, 92.3773



92.7222, 98.0929, 108.6546



74.0969, 82.0035, 83.7439



19.8708, 21.0160, 23.2591



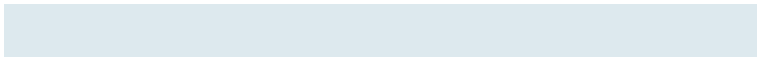
0.0000, 0.0000, 0.0000



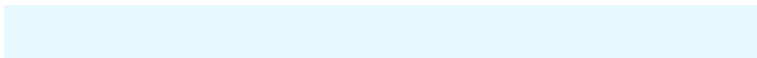
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3926, 79.8264, 92.3773



84.9908, 91.6758, 107.8234



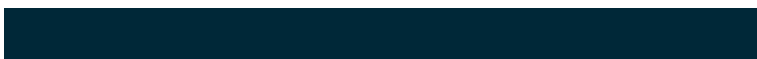
72.0924, 75.2259, 91.6105



15.8322, 17.0985, 20.1875



16.5445, 19.3132, 47.9837



1.4620, 1.7780, 4.0204

Inverse Universe

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



75.8261, 75.7748, 87.7242



87.0935, 85.7945, 100.9840



77.8253, 82.4250, 80.2157



16.2448, 15.9476, 18.8451



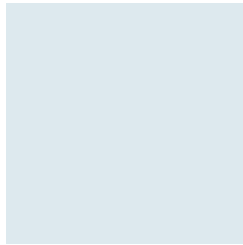
23.6765, 11.7430, 22.0109



2.0129, 0.9942, 2.0588

Previews

White Background



This preview shows how the XYZ color 74.3903, 79.8230, 92.3755 looks on a white background.

Color Contrast Check

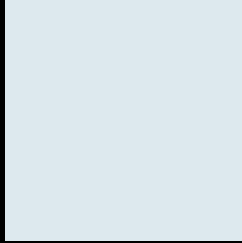
Large Text (above 18pt) WCAG AA × Fail

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 74.3903, 79.8230, 92.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

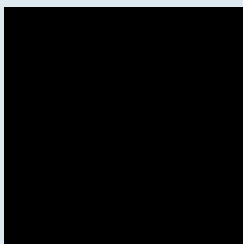
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

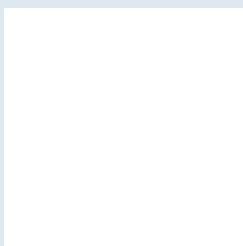
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3903, 79.8230, 92.3755

Background



This preview shows how black text looks on a background with the XYZ color 74.3903, 79.8230, 92.3755.



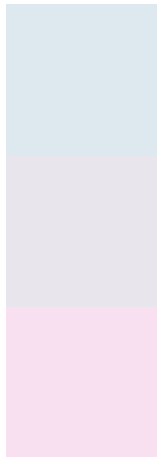
This preview shows how white text looks on a background with the XYZ color 74.3903, 79.8230,

92.3755.

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

74.3903, 79.8230, 92.3755

Protanopia

76.7639, 79.4184, 90.6403

Deuteranopia

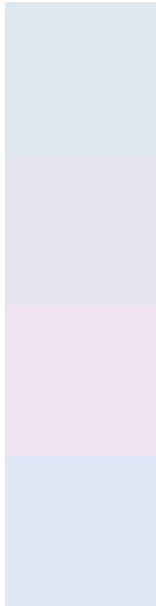
81.4508, 79.7423, 93.5370



Tritanopia

76.2627, 79.7419, 101.8147

Trichromacy



Original Color

74.3903, 79.8230, 92.3755

Protanomaly

75.8960, 79.3661, 91.4398

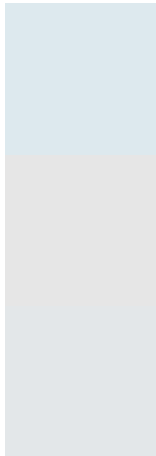
Deuteranomaly

78.6457, 79.5209, 92.8653

Tritanomaly

75.6154, 79.8966, 98.6250

Monochromacy



Original Color

74.3903, 79.8230, 92.3755

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9624, 79.3659, 88.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3903, 79.8230, 92.3755 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.3903, 79.8230, 92.3755 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, 238) }
```


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

```
.border{ border-color:rgb(221, 233, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3903, 79.8230, 92.3755 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, 238) }
```

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

```
.background{ background-color: rgb(221,  
233, 238) }
```

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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