

Converting Colors

XYZ(75.0028, 81.1601, 89.5321)

Have a look what the booklet for
XYZ(75.0028, 81.1601, 89.5321)
contains.

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Color

**XYZ(74.9910, 81.0452,
89.5327)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEBEA
RGB	223, 235, 234
RGB Percent	87%, 92%, 92%
CMY	0.1255, 0.0784, 0.0823
CMYK	0.05, 0.00, 0.00, 0.08
HSL	175°, 23%, 90%
HSV	175°, 5%, 92%
XYZ	74.9910, 81.0452, 89.5327
YIQ	231.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

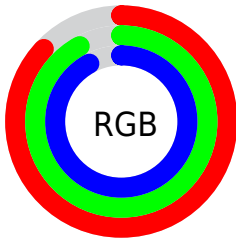
Format	Color
R _Y B	223, 229, 235
Decimal	14674922
CIE Lab	92.15, -4.15, -0.90
CIE LCh	92, 4.249, 192.270
Yxy	81.0452, 0.3054, 0.3300
Android (android.graphics.Color)	4292865002 (0xFFDFEBEA)
YUV	231.2980, 1.3321, -7.2773
Hunter-Lab	90.0251, -8.8533, 4.0519

Details

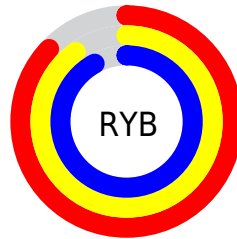
The XYZ color **74.9910, 81.0452, 89.5327** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1061, 75.8214, 81.2540**, and the grayscale version is **76.1735, 80.1405, 87.2730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3044, 43.7794, 48.4455** is the 20% darker color. If you saturate the color by 10%, you get **67.9669, 77.4588, 87.7397**, and if you desaturate by 10%, it is **83.0278, 85.1578, 91.3928**.

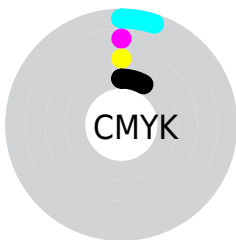
Distribution



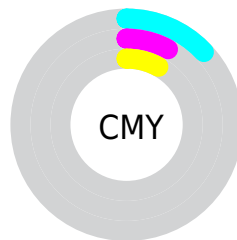
- Red (87%)
- Green (92%)
- Blue (92%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9910, 81.0452, 89.5327 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 74.9910, 81.0452, 89.5327 by changing the saturation by 10% instead.

■ 74.9910, 81.0452,
89.5327

■ 74.9910, 81.0452,
89.5327

466.8843,
498.4483, 547.0404

■ 55.8997, 60.5788,
67.0216

125.2876,
134.8342, 148.6190

■ 40.3592, 43.8854,
48.6405

157.2236,
168.9257, 186.0312

■ 28.0042, 30.5804,
33.9708

194.1718,
208.3276, 229.2476

■ 18.4693, 20.2795,
22.5940

236.4977,
253.4244, 278.6867

■ 11.3891, 12.5984,
14.0915

284.5665,
304.6005, 334.7669

■ 6.3984, 7.1526,
8.0449

338.7436,

■ 3.1318, 3.5577,

362.2402, 397.9069

4.0355

399.3944,
426.7280, 468.5253

■ 1.2238, 1.4294,
1.6448

■ 0.1251, 0.2382,
0.3225

■ 74.9910, 81.0452,
89.5327

■ 74.9910, 81.0452,
89.5327

■ 67.9669, 77.4588,
87.7397

■ 83.0278, 85.1578,
91.3928

■ 61.9074, 74.3671,
86.0064

■ 86.3726, 86.8489,
93.0481

■ 56.7708, 71.7508,
84.3326

■ 86.6629, 86.9650,
94.5769

■ 52.5097, 69.5856,
82.7160

■ 86.9564, 87.0824,
96.1223

■ 49.0726, 67.8447,
81.1541

■ 87.2530, 87.2011,
97.6844

■ 46.4023, 66.4987,
79.6441

■ 87.5529, 87.3210,
99.2633

■ 44.4345, 65.5146,
78.1831

■ 87.8559, 87.4422,
100.8590

■ 43.0943, 64.8536,
76.7674

■ 88.1621, 87.5647,
102.4716

■ 42.2897, 64.4685,
75.3927

■ 88.4716, 87.6885,
104.1011

Harmonies

Analogous

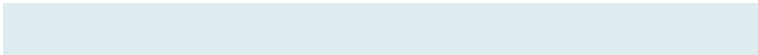
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0420, 81.0452, 86.4200



74.9910, 81.0452, 89.5327



75.4828, 81.0452, 92.3647

Triad

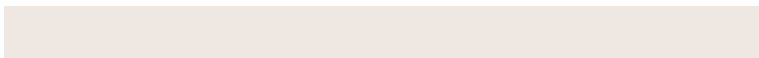
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9910, 81.0452, 89.5327



78.4566, 81.0452, 92.7842



77.6743, 81.0452, 82.6222

Complementary

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



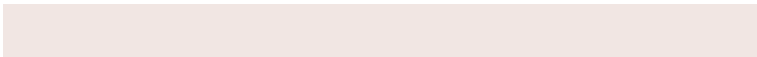
74.9910, 81.0452, 89.5327



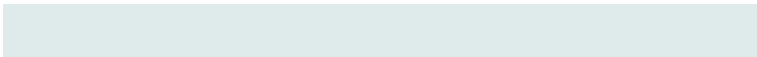
74.1061, 75.8214, 81.2540

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.



78.6003, 81.0452, 84.2486



74.9910, 81.0452, 89.5327



79.0549, 81.0452, 90.0944

Square

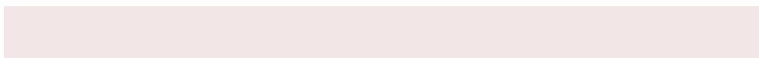
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9910, 81.0452, 89.5327



77.4795, 81.0452, 94.2715



79.1077, 81.0452, 86.9686



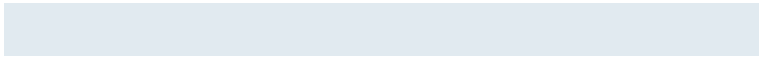
76.5842, 81.0452, 82.4799

Rectangle

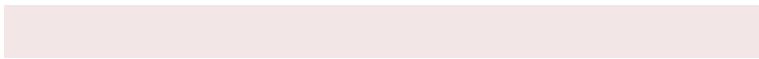
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9910, 81.0452, 89.5327



76.0550, 81.0452, 93.6927



79.1077, 81.0452, 86.9686



78.0153, 81.0452, 83.0116

Sweetspot

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



74.9933, 81.0486, 89.5345



93.1299, 99.0181, 108.4521



73.8325, 80.6272, 81.4843



19.9537, 21.2042, 23.2179



0.0000, 0.0000, 0.0000



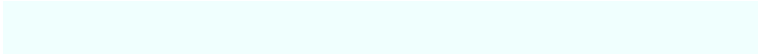
20.3446, 21.4041, 23.3091

Same Dimension

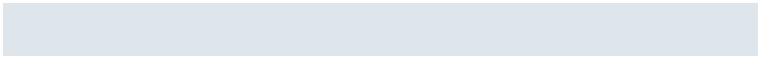
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9933, 81.0486, 89.5345



89.4380, 97.1307, 107.5656



73.7817, 78.3939, 89.8443



15.9021, 17.3247, 19.2165



23.4086, 35.8179, 41.7120



1.8542, 2.8190, 3.3600

Inverse Universe

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



74.1061, 75.8214, 81.2540



88.1860, 89.7533, 95.8793



75.2715, 78.3694, 80.9727



15.6569, 15.8799, 16.9278



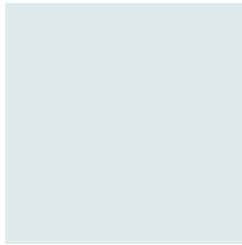
19.1550, 9.8647, 1.3517



1.5218, 0.7817, 0.1993

Previews

White Background



This preview shows how the XYZ color 74.9910, 81.0452, 89.5327 looks on a white background.

Color Contrast Check

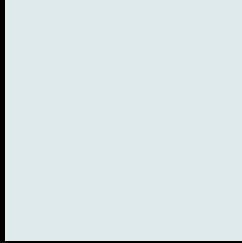
Large Text (above 18pt) WCAG AA × Fail

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 74.9910, 81.0452, 89.5327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

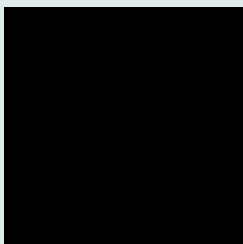
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

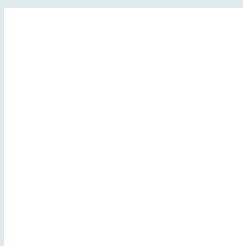
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9910, 81.0452, 89.5327

Background



This preview shows how black text looks on a background with the XYZ color 74.9910, 81.0452, 89.5327.



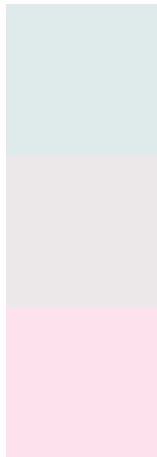
This preview shows how white text looks on a background with the XYZ color 74.9910, 81.0452, 89.5327.

89.5327.

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

74.9910, 81.0452, 89.5327

Protanopia

77.7335, 80.8109, 87.8450

Deuteranopia

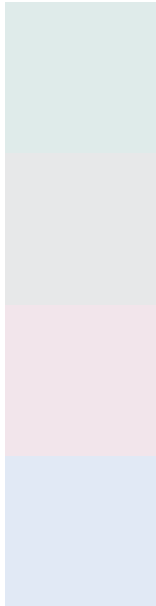
82.5735, 80.7892, 90.5987



Tritanopia

77.6332, 80.8470, 102.7801

Trichromacy



Original Color

74.9910, 81.0452, 89.5327

Protanomaly

76.5196, 80.5853, 88.6123

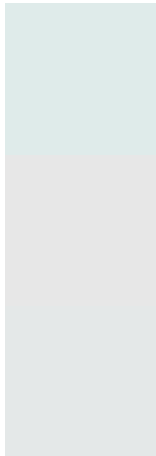
Deuteranomaly

79.6327, 80.9140, 90.0181

Tritanomaly

76.6717, 80.8780, 97.9562

Monochromacy



Original Color

74.9910, 81.0452, 89.5327

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4170, 80.0334, 87.8170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9910, 81.0452, 89.5327 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(223, 235, 234) looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 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(223, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.9910, 81.0452, 89.5327 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(223, 235, 234) }
```


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

```
.border{ border-color:rgb(223, 235, 234) }
```

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

Here you see how a box with a 4 pixel rgb(223, 235, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9910, 81.0452, 89.5327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 234) }
```

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

```
.background{ background-color: rgb(223,  
235, 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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