

Converting Colors

XYZ(73.3802, 80.0486, 89.2588)

Have a look what the booklet for
XYZ(73.3802, 80.0486, 89.2588)
contains.

XYZ(73.4731, 80.2626, 89.4617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4731, 80.2626,
89.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEBEA
RGB	218, 235, 234
RGB Percent	85%, 92%, 92%
CMY	0.1451, 0.0784, 0.0823
CMYK	0.07, 0.00, 0.00, 0.08
HSL	176°, 30%, 89%
HSV	176°, 7%, 92%
XYZ	73.4731, 80.2626, 89.4617
YIQ	229.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

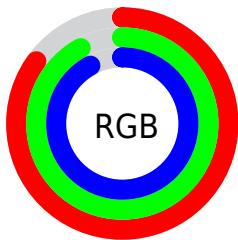
Format	Color
R _Y B	218, 227, 235
Decimal	14347242
CIE Lab	91.80, -5.79, -1.46
CIE LCh	92, 5.966, 194.123
Yxy	80.2626, 0.3021, 0.3300
Android (android.graphics.Color)	4292537322 (0xFFDAEBEA)
YUV	229.8030, 2.0691, -10.3512
Hunter-Lab	89.5894, -10.3919, 3.5071

Details

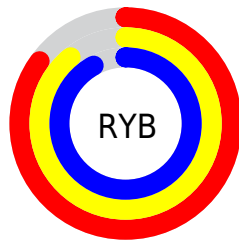
The XYZ color **73.4731, 80.2626, 89.4617** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.1215, 72.9217, 77.2958**, and the grayscale version is **75.0605, 78.9695, 85.9977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2602, 43.2411, 48.3966** is the 20% darker color. If you saturate the color by 10%, you get **66.7399, 76.8166, 88.1120**, and if you desaturate by 10%, it is **81.2089, 84.2296, 90.8698**.

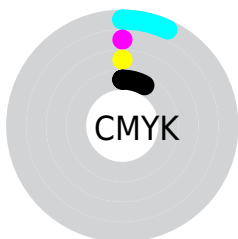
Distribution



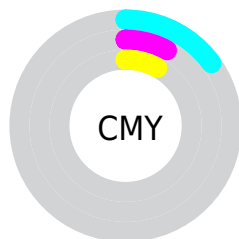
- Red (85%)
- Green (92%)
- Blue (92%)



- Red (85%)
- Yellow (89%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4731, 80.2626, 89.4617 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 73.4731, 80.2626, 89.4617 by changing the saturation by 10% instead.

■ 73.4731, 80.2626,
89.4617

■ 73.4731, 80.2626,
89.4617

461.7313,
495.8174, 546.8031

■ 54.6526, 59.9345,
66.9631

123.1481,
133.7349, 148.5194

■ 39.3564, 43.3658,
48.5932

154.7334,
167.6478, 185.9156

■ 27.2191, 30.1722,
33.9336

191.3043,
206.8578, 229.1147

■ 17.8753, 19.9694,
22.5656

233.2263,
251.7492, 278.5353

■ 10.9596, 12.3728,
14.0708

280.8646,
302.7065, 334.5959

■ 6.1068, 6.9981,
8.0306

334.5846,

■ 2.9514, 3.4609,

360.1140, 397.7150

4.0265

394.7518,
424.3562, 468.3112

■ 1.1281, 1.3768,
1.6399

■ 0.0484, 0.1996,
0.3190

■ 73.4731, 80.2626,
89.4617

■ 73.4731, 80.2626,
89.4617

■ 66.7399, 76.8166,
88.1120

■ 81.2089, 84.2296,
90.8698

■ 60.9606, 73.8601,
86.8134

■ 86.2031, 86.7810,
92.1561

■ 56.0929, 71.3733,
85.5656

■ 86.4064, 86.8623,
93.2263

■ 52.0886, 69.3314,
84.3663

■ 86.6112, 86.9442,
94.3049

48.8951, 67.7073,
83.2130

86.8176, 87.0267,
95.3917

46.4538, 66.4708,
82.1029

87.0255, 87.1099,
96.4868

44.6986, 65.5878,
81.0330

87.2351, 87.1937,
97.5902

43.5517, 65.0182,
79.9996

87.4462, 87.2782,
98.7020

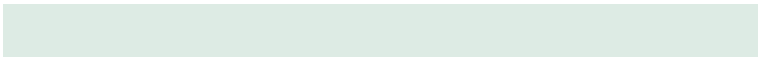
42.9115, 64.7097,
78.9979

87.6589, 87.3633,
99.8222

Harmonies

Analogous

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



73.4958, 80.2626, 85.1104



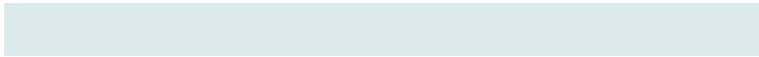
73.4731, 80.2626, 89.4617



74.1974, 80.2626, 93.3826

Triad

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



73.4731, 80.2626, 89.4617



78.3511, 80.2626, 93.5732



77.0938, 80.2626, 79.5458

Complementary

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



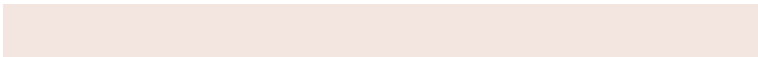
73.4731, 80.2626, 89.4617



72.1215, 72.9217, 77.2958

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.



78.4159, 80.2626, 81.6638



73.4731, 80.2626, 89.4617



79.1484, 80.2626, 89.7147

Square

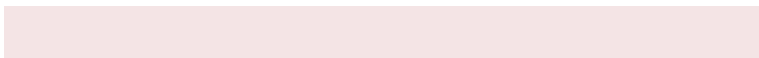
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4731, 80.2626, 89.4617



77.0064, 80.2626, 95.8095



79.1722, 80.2626, 85.3551



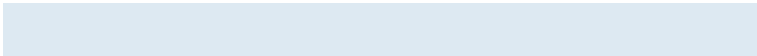
75.5725, 80.2626, 79.4832

Rectangle

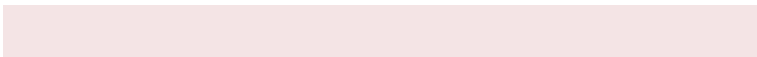
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



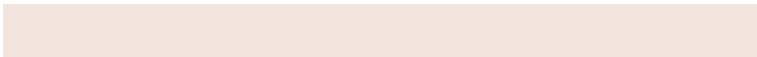
73.4731, 80.2626, 89.4617



75.0120, 80.2626, 95.1842



79.1722, 80.2626, 85.3551



77.5768, 80.2626, 80.0377

Sweetspot

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



73.4754, 80.2660, 89.4635



93.1501, 99.0262, 108.5583



71.6192, 79.5628, 77.9135



19.9578, 21.2059, 23.2396



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.



73.4754, 80.2660, 89.4635



86.8876, 95.8172, 107.3836



71.5539, 76.1916, 89.5364



15.4770, 17.1056, 19.1949



23.8243, 35.9842, 43.9011



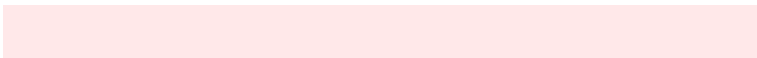
1.8825, 2.8303, 3.5089

Inverse Universe

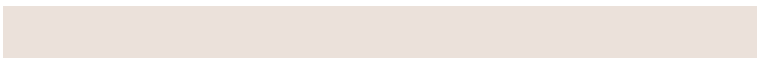
The Inverse Universe completely reimagines the original color for something new.



72.1215, 72.9217, 77.2958



84.8765, 84.9077, 89.3095



73.9432, 76.7759, 77.2531



15.1015, 15.0685, 15.8199



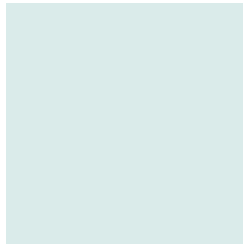
19.1264, 9.8532, 1.2009



1.5146, 0.7788, 0.1613

Previews

White Background



This preview shows how the XYZ color 73.4731, 80.2626, 89.4617 looks on a white background.

Color Contrast Check

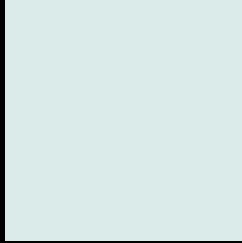
Large Text (above 18pt) WCAG AA × Fail

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 73.4731, 80.2626, 89.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

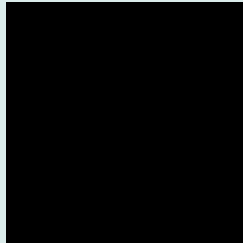
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

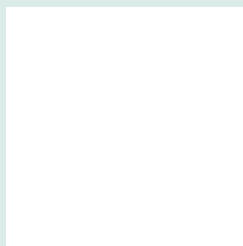
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4731, 80.2626, 89.4617

Background



This preview shows how black text looks on a background with the XYZ color 73.4731, 80.2626, 89.4617.



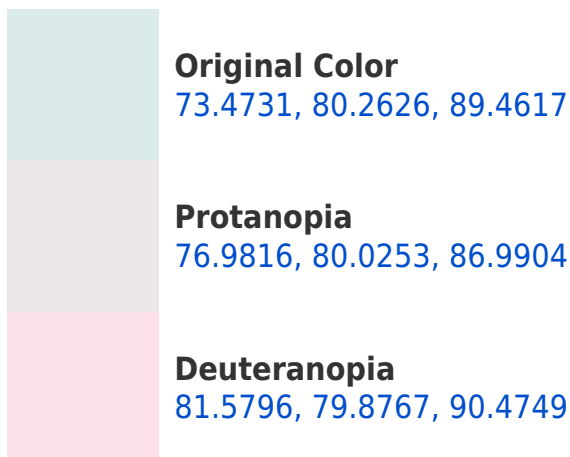
This preview shows how white text looks on a background with the XYZ color 73.4731, 80.2626, 89.4617.

89.4617.

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

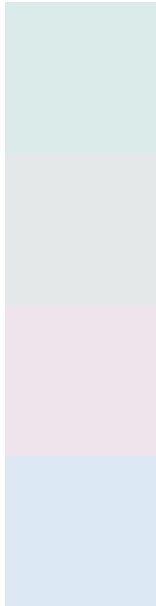




Tritanopia

76.0880, 80.0504, 102.7078

Trichromacy



Original Color

73.4731, 80.2626, 89.4617

Protanomaly

75.7352, 80.1974, 87.8319

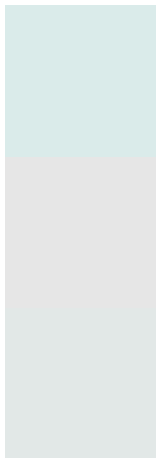
Deuteranomaly

78.3354, 79.8357, 89.8784

Tritanomaly

75.1355, 80.0860, 97.8843

Monochromacy



Original Color

73.4731, 80.2626, 89.4617

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6444, 79.6515, 87.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4731, 80.2626, 89.4617 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, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 235, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.4731, 80.2626, 89.4617 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, 235, 234) }
```


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

```
.border{ border-color:rgb(218, 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(218, 235, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 235,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4731, 80.2626, 89.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 235, 234) }
```

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

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