

Converting Colors

XYZ(73.6537, 76.4000, 88.3906)

Have a look what the booklet for
XYZ(73.6537, 76.4000, 88.3906)
contains.

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Color

**XYZ(73.4550, 76.1218,
88.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E1EA
RGB	227, 225, 234
RGB Percent	89%, 88%, 92%
CMY	0.1098, 0.1176, 0.0823
CMYK	0.03, 0.04, 0.00, 0.08
HSL	253°, 18%, 90%
HSV	253°, 4%, 92%
XYZ	73.4550, 76.1218, 88.6634
YIQ	226.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

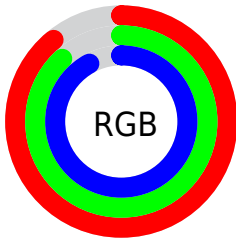
Format	Color
RYB	227, 225, 234
Decimal	14934506
CIELab	89.92, 2.31, -4.15
CIElCh	90, 4.749, 299.096
Yxy	76.1218, 0.3083, 0.3195
Android (android.graphics.Color)	4293124586 (0xFFE3E1EA)
YUV	226.6240, 3.6364, 0.3298
Hunter-Lab	87.2478, -2.4023, 0.8215

Details

The XYZ color **73.4550, 76.1218, 88.6634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2951, 81.4398, 82.9362**, and the grayscale version is **72.7178, 76.5048, 83.3137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4239, 40.7345, 47.9042** is the 20% darker color. If you saturate the color by 10%, you get **62.1157, 61.5218, 86.4441**, and if you desaturate by 10%, it is **86.2730, 92.7752, 91.2034**.

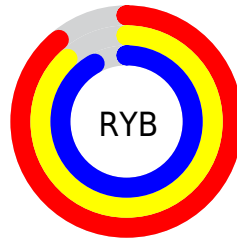
Distribution



Red (89%)

Green (88%)

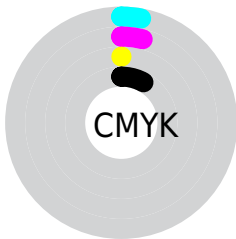
Blue (92%)



Red (89%)

Yellow (88%)

Blue (92%)

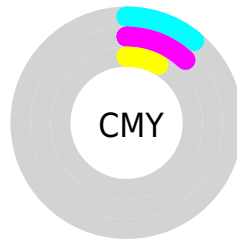


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4550, 76.1218, 88.6634 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 73.4550, 76.1218, 88.6634 by changing the saturation by 10% instead.

■ 73.4550, 76.1218,
88.6634

■ 73.4550, 76.1218,
88.6634

461.6697,
481.7645, 544.1308

■ 54.6378, 56.5324,
66.3052

123.1226,
127.8991, 147.3996

■ 39.3445, 40.6299,
48.0621

154.7037,
160.8557, 184.6147

■ 27.2098, 28.0300,
33.5157

191.2701,
199.0369, 227.6192

■ 17.8682, 18.3483,
22.2475

233.1872,
242.8270, 276.8315

■ 10.9545, 11.2003,
13.8388

280.8204,
292.6104, 332.6703

■ 6.1033, 6.2018,
7.8712

334.5349,

■ 2.9493, 2.9681,

348.7715, 395.5541

3.9260

394.6962,
411.6948, 465.9014

■ 1.1270, 1.1151,
1.5849

■ 0.0475, 0.0000,
0.2800

■ 73.4550, 76.1218,
88.6634

■ 73.4550, 76.1218,
88.6634

■ 62.1157, 61.5218,
86.4441

■ 86.2730, 92.7752,
91.2034

■ 52.1945, 48.8858,
84.5280

■ 91.8515, 98.7206,
92.0570

■ 43.6367, 38.1319,
82.9034

■ 36.3811, 29.1689,
81.5557

■ 30.3617, 21.8978,
80.4695

■ 25.5068, 16.2099,
79.6275

■ 21.7367, 11.9835,
79.0105

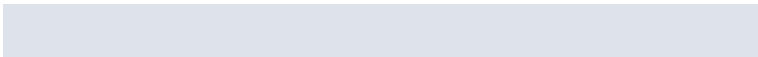
■ 18.9608, 9.0787,
78.5961

■ 17.0723, 7.3267,
78.3575

Harmonies

Analogous

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



72.3159, 76.1218, 89.5188



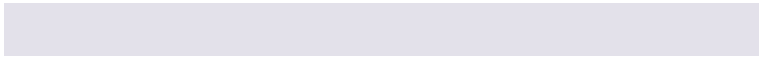
73.4550, 76.1218, 88.6634



74.3061, 76.1218, 86.2494

Triad

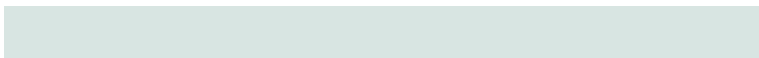
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4550, 76.1218, 88.6634



73.5173, 76.1218, 77.4582



70.1173, 76.1218, 82.7817

Complementary

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



73.4550, 76.1218, 88.6634



76.2951, 81.4398, 82.9362

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.



70.4314, 76.1218, 79.6068



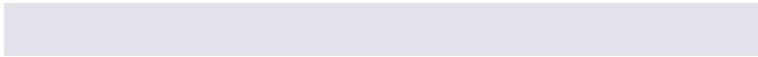
73.4550, 76.1218, 88.6634



72.3871, 76.1218, 76.5848

Square

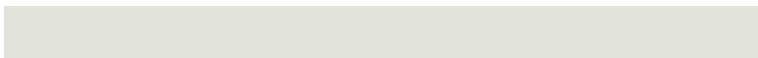
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4550, 76.1218, 88.6634



74.3424, 76.1218, 79.7789



71.2591, 76.1218, 77.3608



70.3964, 76.1218, 86.0681

Rectangle

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



73.4550, 76.1218, 88.6634



74.5913, 76.1218, 84.1129



71.2591, 76.1218, 77.3608



70.1570, 76.1218, 81.6665

Sweetspot

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



73.4572, 76.1251, 88.6651



93.5157, 98.0094, 108.5966



74.7759, 79.6917, 89.2840



20.0324, 20.9990, 23.2473



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.



73.4572, 76.1251, 88.6651



87.5604, 90.2999, 107.4224



74.8794, 76.8583, 88.7316



15.4925, 15.9331, 19.1811



9.2274, 3.7928, 43.9887



0.8053, 0.3394, 3.4580

Inverse Universe

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



75.4251, 77.1725, 87.2684



90.6644, 91.9523, 105.2076



74.8683, 80.7042, 82.8695



16.1179, 16.2661, 18.7335



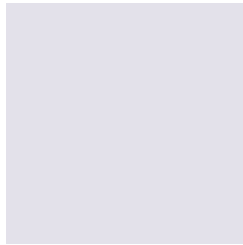
23.8663, 11.7492, 26.1611



1.9093, 0.9367, 2.2396

Previews

White Background



This preview shows how the XYZ color 73.4550, 76.1218, 88.6634 looks on a white background.

Color Contrast Check

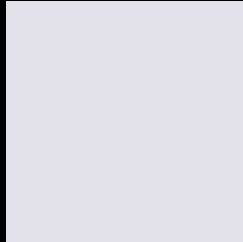
Large Text (above 18pt) WCAG AA × Fail

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 73.4550, 76.1218, 88.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

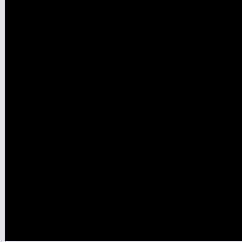
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

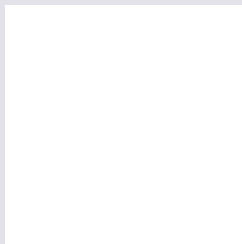
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4550, 76.1218, 88.6634

Background



This preview shows how black text looks on a background with the XYZ color 73.4550, 76.1218, 88.6634.

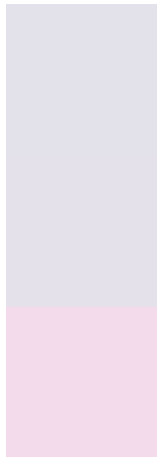


This preview shows how white text looks on a background with the XYZ color 73.4550, 76.1218,

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

73.4550, 76.1218, 88.6634

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

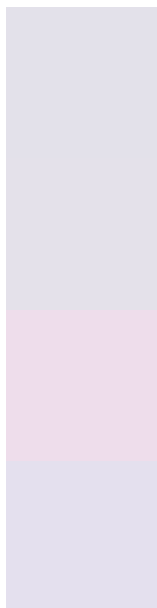
77.6351, 75.8943, 89.1545



Tritanopia

74.5277, 76.1562, 93.9907

Trichromacy



Original Color

73.4550, 76.1218, 88.6634

Protanomaly

73.7714, 76.2849, 88.6782

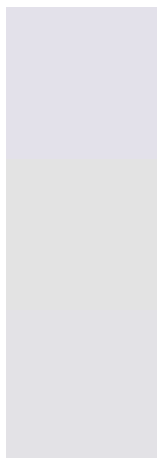
Deuteranomaly

76.1117, 75.8882, 89.2336

Tritanomaly

74.0832, 75.9783, 91.6496

Monochromacy



Original Color

73.4550, 76.1218, 88.6634

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1578, 76.4368, 85.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4550, 76.1218, 88.6634 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(227, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 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(227, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.4550, 76.1218, 88.6634 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(227, 225, 234) }
```


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

```
.border{ border-color:rgb(227, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4550, 76.1218, 88.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 234) }
```

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

```
.background{ background-color: rgb(227,  
225, 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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