

Converting Colors

XYZ(73.9464, 76.7566, 89.8223)

Have a look what the booklet for
XYZ(73.9464, 76.7566, 89.8223)
contains.

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Color

**XYZ(73.8703, 76.7218,
89.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2EB
RGB	227, 226, 235
RGB Percent	89%, 89%, 92%
CMY	0.1098, 0.1137, 0.0784
CMYK	0.03, 0.04, 0.00, 0.08
HSL	247°, 18%, 90%
HSV	247°, 4%, 92%
XYZ	73.8703, 76.7218, 89.5127
YIQ	227.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

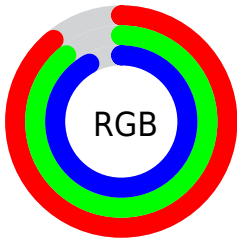
Format	Color
R _Y B	227, 226, 235
Decimal	14934763
CIE Lab	90.19, 1.98, -4.27
CIE LCh	90, 4.701, 294.857
Yxy	76.7218, 0.3077, 0.3195
Android (android.graphics.Color)	4293124843 (0xFFE3E2EB)
YUV	227.3250, 3.7838, -0.2850
Hunter-Lab	87.5910, -2.7453, 0.7229

Details

The XYZ color **73.8703, 76.7218, 89.5127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.3705, 82.4022, 83.7828**, and the grayscale version is **73.2266, 77.0401, 83.8966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7129, 41.1511, 48.4977** is the 20% darker color. If you saturate the color by 10%, you get **61.7173, 61.6135, 87.2382**, and if you desaturate by 10%, it is **87.7036, 94.0007, 92.1199**.

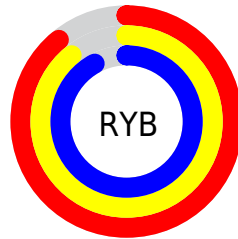
Distribution



Red (89%)

Green (89%)

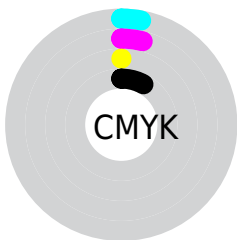
Blue (92%)



Red (89%)

Yellow (89%)

Blue (92%)

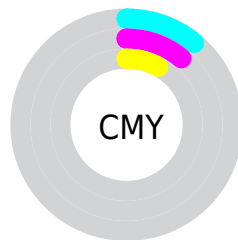


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8703, 76.7218, 89.5127 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 73.8703, 76.7218, 89.5127 by changing the saturation by 10% instead.

■ 73.8703, 76.7218,
89.5127

■ 73.8703, 76.7218,
89.5127

463.0828,
483.8150, 546.9736

■ 54.9788, 57.0246,
67.0051

123.7084,
128.7467, 148.5909

■ 39.6185, 41.0250,
48.6272

155.3857,
161.8432, 185.9986

■ 27.4241, 28.3386,
33.9603

192.0557,
200.1748, 229.2102

■ 18.0302, 18.5811,
22.5860

234.0837,
244.1261, 278.6440

■ 11.0715, 11.3680,
14.0857

281.8351,
294.0813, 334.7187

■ 6.1826, 6.3149,
8.0409

335.6751,

■ 2.9981, 3.0375,

350.4250, 397.8529

4.0330

395.9693,
413.5414, 468.4650

■ 1.1528, 1.1513,
1.6434

■ 0.0686, 0.0214,
0.3215

■ 73.8703, 76.7218,
89.5127

■ 73.8703, 76.7218,
89.5127

■ 61.7173, 61.6135,
87.2382

■ 87.7036, 94.0007,
92.1199

■ 51.1739, 48.5804,
85.2782

■ 91.9956, 98.7782,
92.8159

■ 42.1746, 37.5346,
83.6205

■ 34.6462, 28.3783,
82.2500

■ 28.5102, 21.0051,
81.1502

■ 23.6802, 15.2982,
80.3032

■ 20.0604, 11.1266,
79.6888

■ 17.5413, 8.3397,
79.2837

■ 15.9932, 6.7558,
79.0595

Harmonies

Analogous

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



72.7205, 76.7218, 90.1111



73.8703, 76.7218, 89.5127



74.7745, 76.7218, 87.2960

Triad

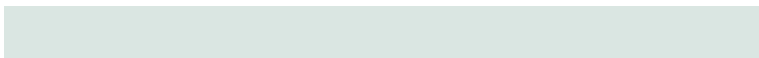
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8703, 76.7218, 89.5127



74.2228, 76.7218, 78.3849



70.7068, 76.7218, 82.9615

Complementary

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



73.8703, 76.7218, 89.5127



77.3705, 82.4022, 83.7828

Split Complementary

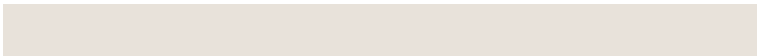
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0999, 76.7218, 79.8875



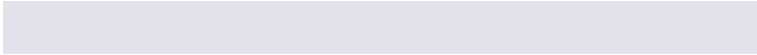
73.8703, 76.7218, 89.5127



73.1234, 76.7218, 77.2907

Square

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



73.8703, 76.7218, 89.5127



74.9795, 76.7218, 80.8613



71.9814, 76.7218, 77.8333



70.9020, 76.7218, 86.2711

Rectangle

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



73.8703, 76.7218, 89.5127



75.1121, 76.7218, 85.2293



71.9814, 76.7218, 77.8333



70.7744, 76.7218, 81.8673

Sweetspot

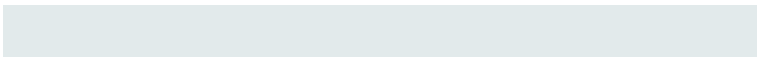
The Sweet Spot groups the original color and five complimentary colors.



73.8725, 76.7251, 89.5144



93.4125, 97.9562, 108.5918



75.8132, 81.0716, 90.2511



20.0114, 20.9882, 23.2464



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.



73.8725, 76.7251, 89.5144



87.0676, 90.0458, 107.3994



75.2787, 77.4500, 89.5802



15.3935, 15.8821, 19.1765



8.6351, 3.4875, 43.9610



0.7296, 0.3004, 3.4544

Inverse Universe

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



76.3114, 77.9989, 88.8793



90.8901, 92.0426, 106.3961



75.9431, 81.6664, 83.7160



16.1635, 16.2843, 18.9735



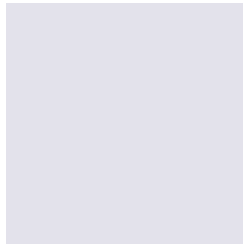
25.5011, 12.4031, 34.7695



2.0230, 0.9822, 2.8384

Previews

White Background



This preview shows how the XYZ color 73.8703, 76.7218, 89.5127 looks on a white background.

Color Contrast Check

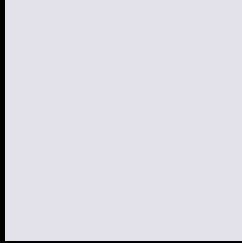
Large Text (above 18pt) WCAG AA × Fail

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 73.8703, 76.7218, 89.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

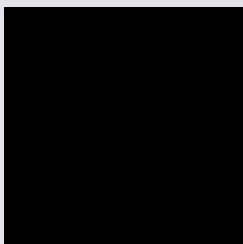
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

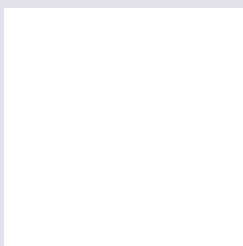
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8703, 76.7218, 89.5127

Background



This preview shows how black text looks on a background with the XYZ color 73.8703, 76.7218, 89.5127.



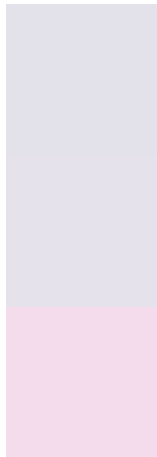
This preview shows how white text looks on a background with the XYZ color 73.8703, 76.7218,

89.5127.

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

73.8703, 76.7218, 89.5127

Protanopia

74.5049, 77.0489, 89.5424

Deuteranopia

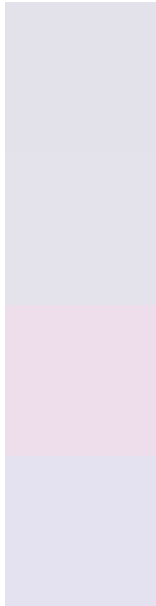
78.3897, 76.6550, 90.0212



Tritanopia

75.0978, 76.8155, 95.6628

Trichromacy



Original Color

73.8703, 76.7218, 89.5127

Protanomaly

74.1867, 76.8849, 89.5275

Deuteranomaly

76.5215, 76.4758, 90.0851

Tritanomaly

74.6483, 76.6357, 93.2959

Monochromacy



Original Color

73.8703, 76.7218, 89.5127

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4306, 76.9822, 85.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8703, 76.7218, 89.5127 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, 226, 235) looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.8703, 76.7218, 89.5127 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, 226, 235) }
```


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

```
.border{ border-color:rgb(227, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8703, 76.7218, 89.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 235) }
```

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

```
.background{ background-color: rgb(227,  
226, 235) }
```

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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