

Converting Colors

XYZ(73.9765, 76.8500, 94.0581)

Have a look what the booklet for
XYZ(73.9765, 76.8500, 94.0581)
contains.

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Color

**XYZ(73.8140, 76.5909,
94.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E2F1
RGB	224, 226, 241
RGB Percent	88%, 89%, 95%
CMY	0.1216, 0.1137, 0.0549
CMYK	0.07, 0.06, 0.00, 0.05
HSL	233°, 38%, 91%
HSV	233°, 7%, 95%
XYZ	73.8140, 76.5909, 94.1122
YIQ	227.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

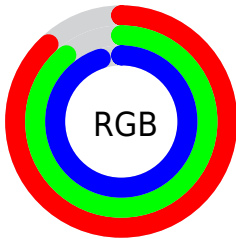
Format	Color
R_{YB}	224, 226, 241
Decimal	14738161
CIE _{Lab}	90.13, 2.12, -7.53
CIE _{LCh}	90, 7.818, 285.731
Yxy	76.5909, 0.3019, 0.3132
Android (android.graphics.Color)	4292928241 (0xFFE0E2F1)
YUV	227.1120, 6.8468, -2.7292
Hunter-Lab	87.5162, -2.6008, -2.4972

Details

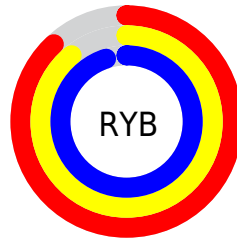
The XYZ color **73.8140, 76.5909, 94.1122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5969, 85.8148, 82.8383**, and the grayscale version is **73.0519, 76.8563, 83.6965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6821, 41.0636, 51.7335** is the 20% darker color. If you saturate the color by 10%, you get **61.4410, 62.1578, 91.9796**, and if you desaturate by 10%, it is **87.9669, 93.0099, 96.5366**.

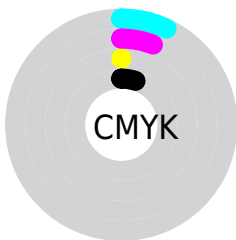
Distribution



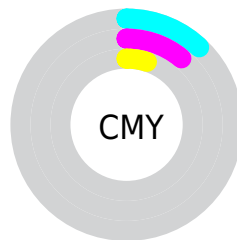
- Red (88%)
- Green (89%)
- Blue (95%)



- Red (88%)
- Yellow (89%)
- Blue (95%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8140, 76.5909, 94.1122 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 73.8140, 76.5909, 94.1122 by changing the saturation by 10% instead.

■ 73.8140, 76.5909,
94.1122

■ 73.8140, 76.5909,
94.1122

462.8914,
483.3681, 562.2304

■ 54.9326, 56.9172,
70.8035

123.6290,
128.5618, 155.0225

■ 39.5814, 40.9387,
51.7010

155.2933,
161.6278, 193.4612

■ 27.3950, 28.2712,
36.3862

191.9493,
199.9267, 237.7802

■ 18.0083, 18.5302,
24.4406

233.9622,
243.8428, 288.3982

■ 11.0556, 11.3313,
15.4455

281.6976,
293.7607, 345.7337

■ 6.1718, 6.2901,
8.9826

335.5207,

■ 2.9915, 3.0223,

350.0645, 410.2052

4.6332

395.7968,
413.1389, 482.2313

■ 1.1493, 1.1434,
1.9787

■ 0.0657, 0.0147,
0.5422

■ 73.8140, 76.5909,
94.1122

■ 73.8140, 76.5909,
94.1122

■ 61.4410, 62.1578,
91.9796

■ 87.9669, 93.0099,
96.5366

■ 50.7709, 49.6256,
90.1231

■ 92.8774, 99.1310,
97.4593

■ 41.7306, 38.9179,
88.5327

■ 34.2395, 29.9490,
87.1964

■ 28.2098, 22.6266,
86.1008

■ 23.5449, 16.8496,
85.2316

■ 20.1364, 12.5056,
84.5728

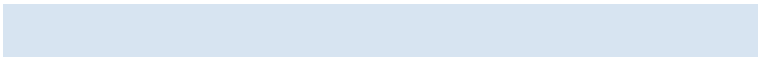
■ 17.8592, 9.4666,
84.1062

■ 16.5576, 7.5793,
83.8106

Harmonies

Analogous

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



71.8813, 76.5909, 94.1888



73.8140, 76.5909, 94.1122



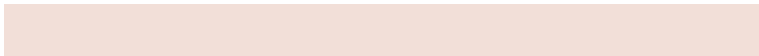
75.5028, 76.5909, 91.0805

Triad

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



73.8140, 76.5909, 94.1122



75.4338, 76.5909, 75.9720



69.2397, 76.5909, 80.7876

Complementary

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



73.8140, 76.5909, 94.1122



80.5969, 85.8148, 82.8383

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.



70.1573, 76.5909, 76.1535



73.8140, 76.5909, 94.1122



73.7211, 76.5909, 73.4581

Square

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



73.8140, 76.5909, 94.1122



76.4493, 76.5909, 80.5298



71.7901, 76.5909, 73.5230



69.2636, 76.5909, 86.3263

Rectangle

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



73.8140, 76.5909, 94.1122



76.2532, 76.5909, 87.8655



71.7901, 76.5909, 73.5230



69.4476, 76.5909, 79.0778

Sweetspot

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



73.8162, 76.5941, 94.1139



91.7800, 96.2086, 108.3405



77.7376, 84.9754, 93.7608



19.6790, 20.6323, 23.1952



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.



73.8162, 76.5941, 94.1139



82.4644, 85.3850, 106.7424



75.2422, 76.5251, 94.0254



15.0473, 15.5287, 19.9259



8.8899, 4.0040, 45.4322



0.7880, 0.4300, 3.7957

Inverse Universe

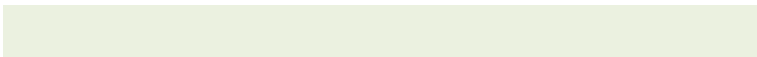
The Inverse Universe completely reimagines the original color for something new.



76.6605, 77.5046, 82.8748



86.1206, 86.5625, 92.2932



79.0950, 85.9162, 82.9370



15.8486, 15.7891, 16.7587



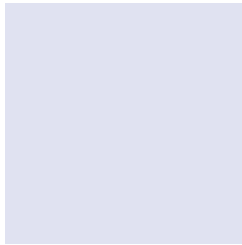
19.8128, 10.1976, 1.6650



1.6727, 0.8581, 0.2673

Previews

White Background



This preview shows how the XYZ color 73.8140, 76.5909, 94.1122 looks on a white background.

Color Contrast Check

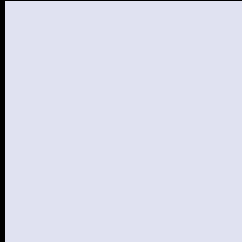
Large Text (above 18pt) WCAG AA × Fail

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 73.8140, 76.5909, 94.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

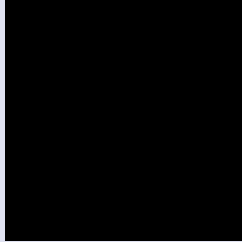
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

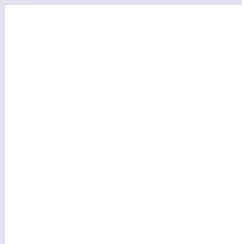
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8140, 76.5909, 94.1122

Background



This preview shows how black text looks on a background with the XYZ color 73.8140, 76.5909, 94.1122.

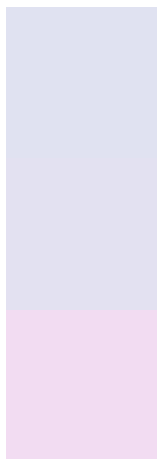


This preview shows how white text looks on a background with the XYZ color 73.8140, 76.5909,

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

73.8140, 76.5909, 94.1122

Protanopia

74.4810, 76.5322, 94.0657

Deuteranopia

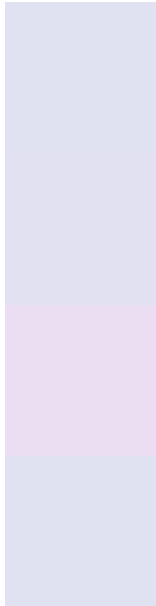
78.2382, 76.4744, 94.6419



Tritanopia

74.1145, 76.7111, 95.6945

Trichromacy



Original Color

73.8140, 76.5909, 94.1122

Protanomaly

74.1664, 76.3701, 94.0510

Deuteranomaly

76.4092, 76.3155, 94.7076

Tritanomaly

73.9638, 76.6508, 94.9012

Monochromacy



Original Color

73.8140, 76.5909, 94.1122

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3986, 76.9331, 87.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8140, 76.5909, 94.1122 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(224, 226, 241) looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 241)  
}
```

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(224, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.8140, 76.5909, 94.1122 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(224, 226, 241) }
```


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

```
.border{ border-color:rgb(224, 226, 241) }
```

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

Here you see how a box with a 4 pixel rgb(224, 226, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8140, 76.5909, 94.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 241) }
```

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

```
.background{ background-color: rgb(224,  
226, 241) }
```

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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