

Converting Colors

XYZ(73.6851, 77.1731, 81.5561)

Have a look what the booklet for
XYZ(73.6851, 77.1731, 81.5561)
contains.

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Color

**XYZ(73.5568, 77.1430,
81.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3E0
RGB	230, 227, 224
RGB Percent	90%, 89%, 88%
CMY	0.0980, 0.1098, 0.1216
CMYK	0.00, 0.01, 0.03, 0.10
HSL	30°, 11%, 89%
HSV	30°, 3%, 90%
XYZ	73.5568, 77.1430, 81.5342
YIQ	227.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

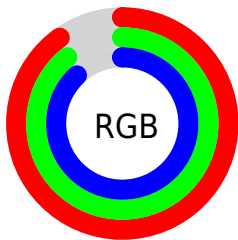
Format	Color
R_{YB}	230, 230, 224
Decimal	15131616
CIE _{Lab}	90.39, 0.49, 1.81
CIE _{LCh}	90, 1.874, 74.885
Yxy	77.1430, 0.3167, 0.3322
Android (android.graphics.Color)	4293321696 (0xFFE6E3E0)
YUV	227.5550, -1.7526, 2.1443
Hunter-Lab	87.8311, -4.2142, 6.4424

Details

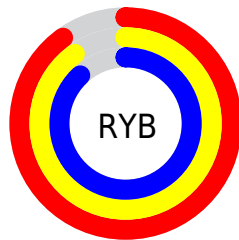
The XYZ color **73.5568, 77.1430, 81.5342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4925, 76.4977, 85.8088**, and the grayscale version is **73.4307, 77.2548, 84.1305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5932, 41.4836, 43.4565** is the 20% darker color. If you saturate the color by 10%, you get **67.6096, 69.9068, 65.1892**, and if you desaturate by 10%, it is **80.1399, 84.9738, 100.1748**.

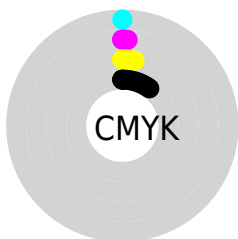
Distribution



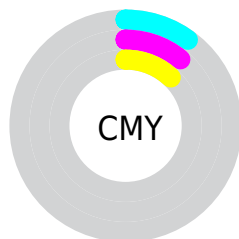
- Red (90%)
- Green (89%)
- Blue (88%)



- Red (90%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5568, 77.1430, 81.5342 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 73.5568, 77.1430, 81.5342 by changing the saturation by 10% instead.

73.5568, 77.1430,
81.5342

73.5568, 77.1430,
81.5342

462.0163,
485.2515, 519.9308

54.7214, 57.3702,
60.4481

123.2662,
129.3413, 137.3514

39.4116, 41.3026,
43.3522

154.8709,
162.5357, 172.9196

27.2623, 28.5556,
29.8281

191.4627,
200.9727, 214.1522

17.9079, 18.7449,
19.4572

233.4071,
245.0368, 261.4678

10.9832, 11.4861,
11.8210

281.0692,
295.1123, 315.2849

6.1227, 6.3948,
6.5008

334.8146,

2.9612, 3.0866,

351.5836, 376.0221

3.0783

395.0085,
414.8352, 444.0979

■ 1.1333, 1.1771,
1.1347

■ 0.0527, 0.0429,
0.0000

■ 73.5568, 77.1430,
81.5342

■ 73.5568, 77.1430,
81.5342

■ 67.6096, 69.9068,
65.1892

■ 80.1399, 84.9738,
100.1748

■ 62.2710, 63.2403,
51.0447

■ 84.8616, 92.3991,
107.9699

■ 57.5209, 57.1314,
39.0066

■ 86.4436, 95.5632,
108.4972

■ 53.3358, 51.5637,
28.9718

■ 49.6903, 46.5200,
20.8285

■ 46.5566, 41.9816,
14.4537

■ 43.9042, 37.9288,
9.7097

■ 41.6982, 34.3396,
6.4380

■ 39.8976, 31.1893,
4.4476

Harmonies

Analogous

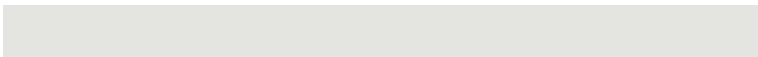
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9610, 77.1430, 82.1916



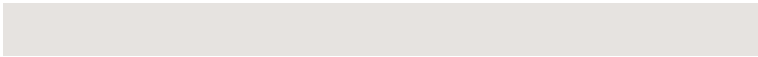
73.5568, 77.1430, 81.5342



73.0914, 77.1430, 81.5316

Triad

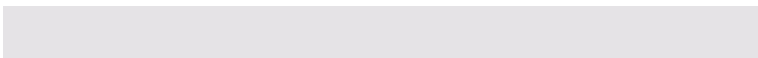
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5568, 77.1430, 81.5342



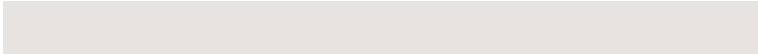
72.4566, 77.1430, 84.6588



73.9584, 77.1430, 85.8333

Complementary

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



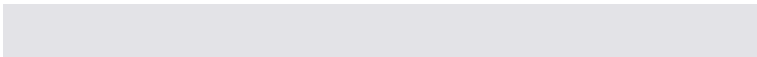
73.5568, 77.1430, 81.5342



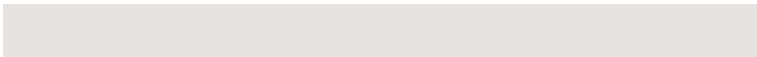
72.4925, 76.4977, 85.8088

Split Complementary

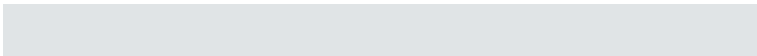
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5533, 77.1430, 86.5088



73.5568, 77.1430, 81.5342



72.6869, 77.1430, 85.8258

Square

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



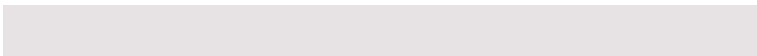
73.5568, 77.1430, 81.5342



72.4575, 77.1430, 83.3260



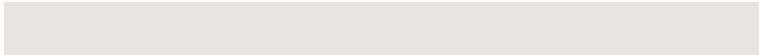
73.0879, 77.1430, 86.5061



74.1935, 77.1430, 84.6688

Rectangle

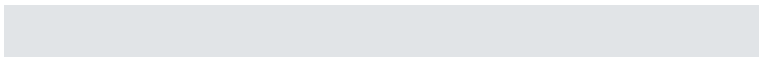
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5568, 77.1430, 81.5342



72.8091, 77.1430, 81.9010



73.0879, 77.1430, 86.5061



73.8375, 77.1430, 86.1256

Sweetspot

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



73.5590, 77.1463, 81.5359



94.2372, 99.0271, 106.6171



73.1550, 75.6815, 83.4265



20.1792, 21.2062, 22.8445



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

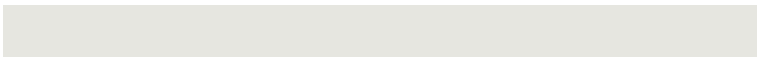
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5590, 77.1463, 81.5359



92.6360, 97.1039, 102.1396



74.3856, 78.7996, 81.8114



15.7054, 16.4469, 17.1444



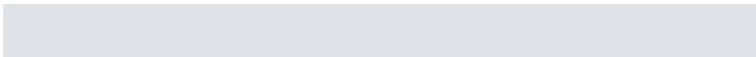
22.0781, 16.7303, 2.0656



1.7244, 1.4221, 0.1836

Inverse Universe

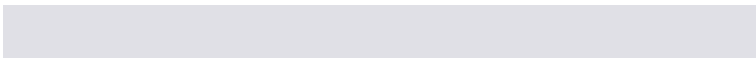
The Inverse Universe completely reimagines the original color for something new.



72.4925, 76.4977, 85.8088



91.0816, 96.1584, 108.3677



71.6802, 74.8729, 85.5380



15.3746, 16.2457, 18.4697



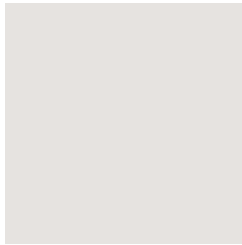
11.6696, 10.4013, 43.7758



0.9552, 0.9544, 3.2658

Previews

White Background



This preview shows how the XYZ color 73.5568, 77.1430, 81.5342 looks on a white background.

Color Contrast Check

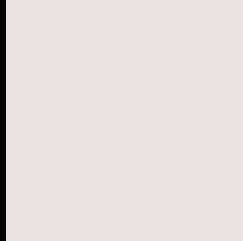
Large Text (above 18pt) WCAG AA × Fail

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 73.5568, 77.1430, 81.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

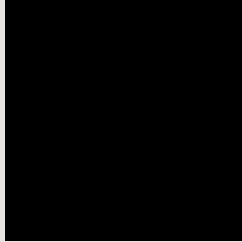
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

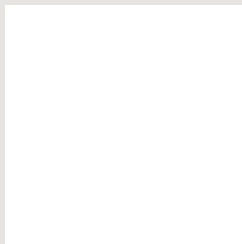
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5568, 77.1430, 81.5342

Background



This preview shows how black text looks on a background with the XYZ color 73.5568, 77.1430, 81.5342.



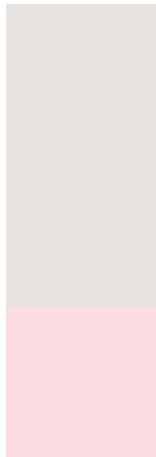
This preview shows how white text looks on a background with the XYZ color 73.5568, 77.1430,

81.5342.

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

73.5568, 77.1430, 81.5342

Protanopia

73.9296, 76.9303, 81.4735

Deuteranopia

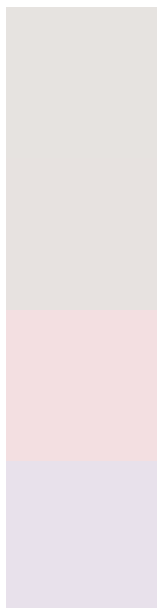
78.6081, 76.9466, 81.9433



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

73.5568, 77.1430, 81.5342

Protanomaly

73.6059, 76.7635, 81.4584

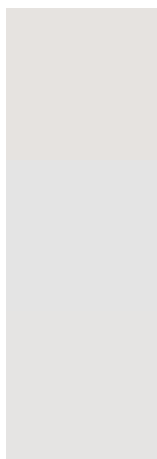
Deuteranomaly

76.9404, 77.2663, 82.0928

Tritanomaly

75.1993, 77.0044, 89.4972

Monochromacy



Original Color

73.5568, 77.1430, 81.5342

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9216, 77.6909, 83.7728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5568, 77.1430, 81.5342 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(230, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 224)  
}
```

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(230, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.5568, 77.1430, 81.5342 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(230, 227, 224) }
```


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

```
.border{ border-color:rgb(230, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 227, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 227, 224); box-shadow:4px 4px 4px 4px rgb(230, 227, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5568, 77.1430, 81.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 224) }
```

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

```
.background{ background-color: rgb(230,  
227, 224) }
```

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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