

Converting Colors

XYZ(73.2199, 77.9746, 82.0154)

Have a look what the booklet for
XYZ(73.2199, 77.9746, 82.0154)
contains.

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Color

**XYZ(73.1524, 77.7513,
81.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5E0
RGB	227, 229, 224
RGB Percent	89%, 90%, 88%
CMY	0.1098, 0.1019, 0.1216
CMYK	0.01, 0.00, 0.02, 0.10
HSL	84°, 9%, 89%
HSV	84°, 2%, 90%
XYZ	73.1524, 77.7513, 81.6730
YIQ	227.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

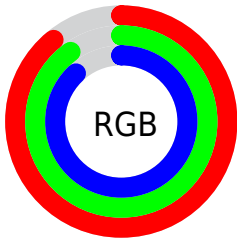
Format	Color
RYB	224, 229, 226
Decimal	14935520
CIELab	90.67, -1.56, 2.19
CIELCh	91, 2.684, 125.430
Yxy	77.7513, 0.3145, 0.3343
Android (android.graphics.Color)	4293125600 (0xFFE3E5E0)
YUV	227.8320, -1.8892, -0.7297
Hunter-Lab	88.1767, -6.2236, 6.8068

Details

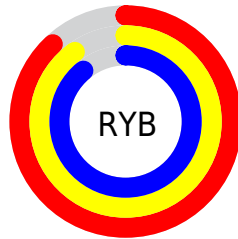
The XYZ color **73.1524, 77.7513, 81.6730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1655, 75.1393, 84.8325**, and the grayscale version is **73.6350, 77.4698, 84.3646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3107, 41.9073, 43.5531** is the 20% darker color. If you saturate the color by 10%, you get **67.4379, 75.1426, 66.2704**, and if you desaturate by 10%, it is **79.4438, 80.6135, 99.2894**.

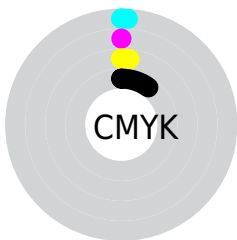
Distribution



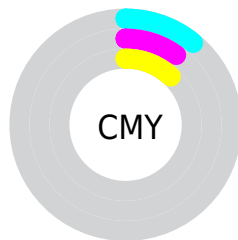
- Red (89%)
- Green (90%)
- Blue (88%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1524, 77.7513, 81.6730 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 73.1524, 77.7513, 81.6730 by changing the saturation by 10% instead.

■ 73.1524, 77.7513,
81.6730

■ 73.1524, 77.7513,
81.6730

460.6385,
487.3218, 520.4079

■ 54.3894, 57.8697,
60.5618

122.6955,
130.1995, 137.5479

■ 39.1450, 41.7039,
43.4434

154.2063,
163.5348, 173.1487

■ 27.0538, 28.8695,
29.8992

190.6971,
202.1236, 214.4164

■ 17.7504, 18.9821,
19.5107

232.5333,
246.3501, 261.7696

■ 10.8695, 11.6574,
11.8593

280.0801,
296.5988, 315.6268

■ 6.0458, 6.5108,
6.5266

333.7031,

■ 2.9139, 3.1581,

353.2540, 376.4066

3.0939

393.7674,
416.7002, 444.5274

■ 1.1084, 1.2148,
1.1428

■ 0.0321, 0.0738,
0.0000

■ 73.1524, 77.7513,
81.6730

■ 73.1524, 77.7513,
81.6730

■ 67.4379, 75.1426,
66.2704

■ 79.4438, 80.6135,
99.2894

■ 62.2748, 72.7695,
52.9889

■ 83.8473, 82.7361,
106.1582

■ 57.6450, 70.6271,
41.7368

■ 87.1330, 84.4300,
106.3119

■ 53.5271, 68.7063,
32.4139

■ 87.3108, 84.5216,
106.3203

■ 49.8978, 66.9976,
24.9112

■ 46.7319, 65.4907,
19.1090

■ 44.0011, 64.1738,
14.8732

■ 41.6734, 63.0340,
12.0497

■ 39.7108, 62.0555,
10.4528

Harmonies

Analogous

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



73.7778, 77.7513, 81.0207



73.1524, 77.7513, 81.6730



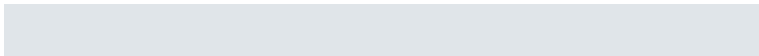
72.7293, 77.7513, 83.1258

Triad

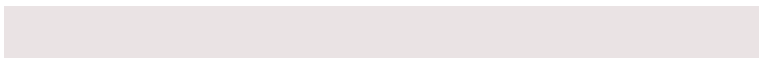
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1524, 77.7513, 81.6730



73.3633, 77.7513, 88.0745



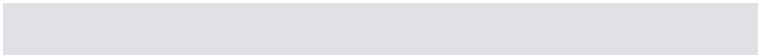
75.1964, 77.7513, 84.3076

Complementary

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



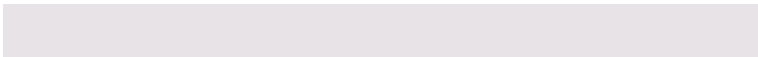
73.1524, 77.7513, 81.6730



72.1655, 75.1393, 84.8325

Split Complementary

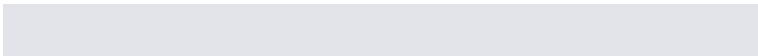
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0838, 77.7513, 86.2088



73.1524, 77.7513, 81.6730



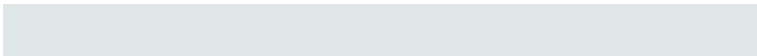
74.0228, 77.7513, 88.4024

Square

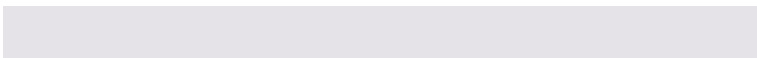
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



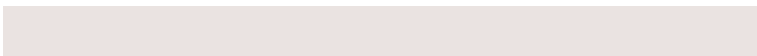
73.1524, 77.7513, 81.6730



72.8505, 77.7513, 86.8253



74.6532, 77.7513, 87.7148



74.9601, 77.7513, 82.5269

Rectangle

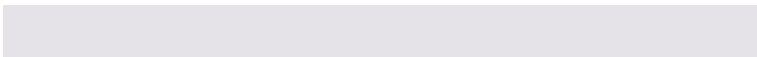
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



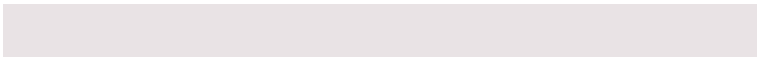
73.1524, 77.7513, 81.6730



72.6174, 77.7513, 84.3629



74.6532, 77.7513, 87.7148



75.1981, 77.7513, 84.9537

Sweetspot

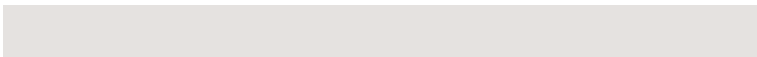
The Sweet Spot groups the original color and five complimentary colors.



73.1546, 77.7546, 81.6747



94.2674, 99.6437, 106.7345



72.9668, 76.4352, 81.4299



20.1854, 21.3316, 22.8684



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.



73.1546, 77.7546, 81.6747



92.7244, 98.9406, 102.4895



72.3719, 77.3512, 81.6381



15.7242, 16.8387, 17.2190



22.0849, 35.1666, 5.6238



1.7362, 2.6524, 0.4205

Inverse Universe

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



72.1655, 75.1393, 84.8325



90.9907, 94.3563, 108.0246



72.9551, 75.5464, 84.8695



15.3552, 15.8631, 18.3969



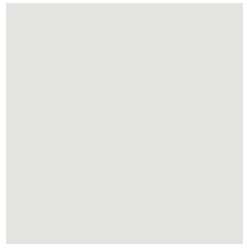
10.7207, 4.5926, 42.7046



0.8948, 0.3922, 3.1605

Previews

White Background



This preview shows how the XYZ color 73.1524, 77.7513, 81.6730 looks on a white background.

Color Contrast Check

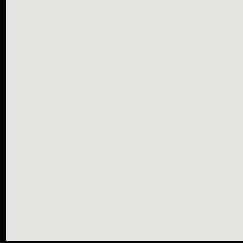
Large Text (above 18pt) WCAG AA × Fail

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 73.1524, 77.7513, 81.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

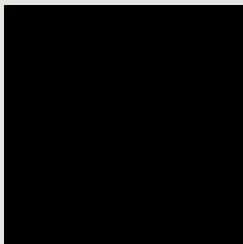
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

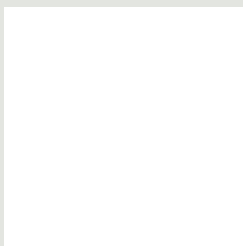
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1524, 77.7513, 81.6730

Background



This preview shows how black text looks on a background with the XYZ color 73.1524, 77.7513, 81.6730.



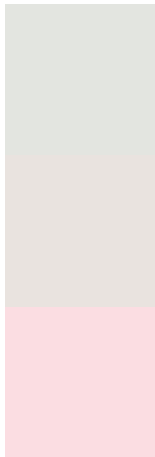
This preview shows how white text looks on a background with the XYZ color 73.1524, 77.7513,

81.6730.

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

73.1524, 77.7513, 81.6730

Protanopia

74.3926, 77.5895, 80.8674

Deuteranopia

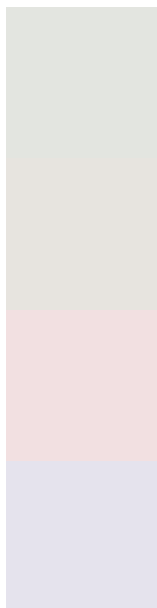
79.3676, 77.7131, 82.7685



Tritanopia

76.1586, 77.7474, 96.5807

Trichromacy



Original Color

73.1524, 77.7513, 81.6730

Protanomaly

74.0177, 77.8034, 80.9285

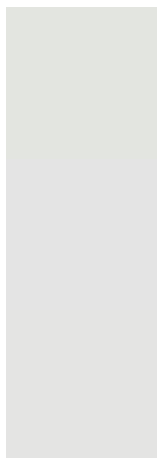
Deuteranomaly

76.8642, 77.6248, 82.1661

Tritanomaly

75.0682, 77.7106, 91.1639

Monochromacy



Original Color

73.1524, 77.7513, 81.6730

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6034, 77.5268, 83.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1524, 77.7513, 81.6730 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, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.1524, 77.7513, 81.6730 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, 229, 224) }
```


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

```
.border{ border-color:rgb(227, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1524, 77.7513, 81.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 224) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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