

Converting Colors

XYZ(73.5643, 78.2265, 78.2409)

Have a look what the booklet for
XYZ(73.5643, 78.2265, 78.2409)
contains.

XYZ(73.4386, 77.9761, 78.1981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4386, 77.9761,
78.1981)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5DB
RGB	230, 229, 219
RGB Percent	90%, 90%, 86%
CMY	0.0980, 0.1019, 0.1412
CMYK	0.00, 0.00, 0.05, 0.10
HSL	55°, 18%, 88%
HSV	55°, 5%, 90%
XYZ	73.4386, 77.9761, 78.1981
YIQ	228.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

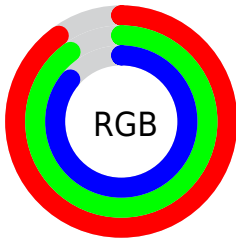
Format	Color
R _Y B	220, 230, 219
Decimal	15132123
CIE Lab	90.77, -1.40, 4.98
CIE LCh	91, 5.173, 105.727
Yxy	77.9761, 0.3198, 0.3396
Android (android.graphics.Color)	4293322203 (0xFFE6E5DB)
YUV	228.1590, -4.5154, 1.6146
Hunter-Lab	88.3041, -6.0816, 9.3083

Details

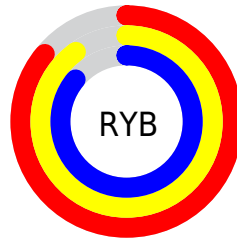
The XYZ color **73.4386, 77.9761, 78.1981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0895, 71.9585, 85.1117**, and the grayscale version is **73.8911, 77.7391, 84.6579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5161, 42.0664, 41.1589** is the 20% darker color. If you saturate the color by 10%, you get **70.0458, 75.7054, 63.1463**, and if you desaturate by 10%, it is **77.2611, 80.4348, 95.4592**.

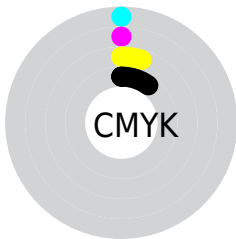
Distribution



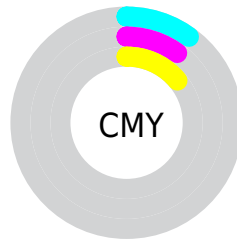
- Red (90%)
- Green (90%)
- Blue (86%)



- Red (86%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4386, 77.9761, 78.1981 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 73.4386, 77.9761, 78.1981 by changing the saturation by 10% instead.

■ 73.4386, 77.9761,
78.1981

■ 73.4386, 77.9761,
78.1981

461.6138,
488.0857, 508.3851

■ 54.6243, 58.0543,
57.7193

123.0994,
130.5164, 132.6178

■ 39.3337, 41.8523,
41.1698

154.6767,
163.9038, 167.3957

■ 27.2013, 28.9857,
28.1311

191.2390,
202.5485, 207.7771

■ 17.8618, 19.0700,
18.1846

233.1518,
246.8349, 254.1805

■ 10.9499, 11.7209,
10.9118

280.7803,
297.1474, 307.0245

■ 6.1002, 6.5539,
5.8941

334.4899,

■ 2.9474, 3.1847,

353.8705, 366.7275

2.7131

394.6459,
417.3884, 433.7082

■ 1.1260, 1.2289,
0.9500

■ 0.0467, 0.0851,
0.0000

■ 73.4386, 77.9761,
78.1981

■ 73.4386, 77.9761,
78.1981

■ 70.0458, 75.7054,
63.1463

■ 77.2611, 80.4348,
95.4592

■ 67.0591, 73.6056,
50.2088

■ 79.8703, 82.4167,
106.3061

■ 64.4624, 71.6727,
39.2914

■ 80.4636, 83.6035,
106.5039

■ 62.2361, 69.8990,
30.2908

■ 81.0640, 84.8042,
106.7041

60.3588, 68.2758,
23.0943

81.6714, 86.0189,
106.9065

58.8069, 66.7936,
17.5778

82.2857, 87.2476,
107.1113

57.5538, 65.4417,
13.6012

82.9072, 88.4905,
107.3184

56.5685, 64.2078,
11.0020

83.5356, 89.7475,
107.5279

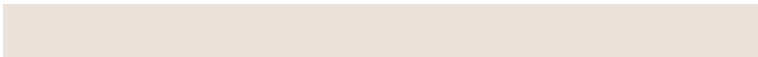
55.8133, 63.0766,
9.5812

84.1712, 91.0187,
107.7398

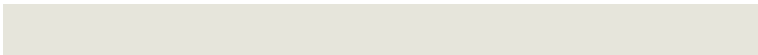
Harmonies

Analogous

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



74.7318, 77.9761, 78.1536



73.4386, 77.9761, 78.1981



72.3389, 77.9761, 80.0038

Triad

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



73.4386, 77.9761, 78.1981



72.3830, 77.9761, 90.1313



76.5624, 77.9761, 86.6795

Complementary

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



73.4386, 77.9761, 78.1981



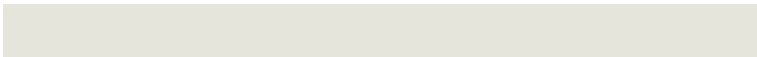
69.0895, 71.9585, 85.1117

Split Complementary

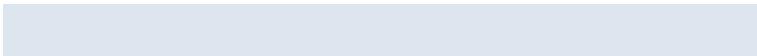
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9178, 77.9761, 89.9976



73.4386, 77.9761, 78.1981



73.4995, 77.9761, 92.0296

Square

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



73.4386, 77.9761, 78.1981



71.7343, 77.9761, 86.8576



74.7934, 77.9761, 91.9800



76.5456, 77.9761, 82.9774

Rectangle

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



73.4386, 77.9761, 78.1981



71.8590, 77.9761, 81.9944



74.7934, 77.9761, 91.9800



76.4155, 77.9761, 87.8790

Sweetspot

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



73.4408, 77.9795, 78.1998



94.5685, 99.6897, 106.7275



70.8972, 72.6598, 78.0688



20.2466, 21.3410, 22.8670



0.0000, 0.0000, 0.0000



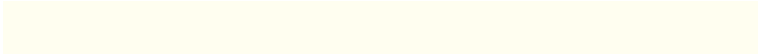
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4408, 77.9795, 78.1998



92.2435, 98.1731, 96.2922



72.3227, 77.8132, 78.2266



15.6963, 16.7233, 16.2328



31.4561, 35.4864, 5.1916



2.3573, 2.6879, 0.3946

Inverse Universe

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



69.0895, 71.9585, 85.1117



85.3638, 88.6536, 107.2204



70.1703, 72.1290, 85.0877



14.4138, 14.9487, 18.2700



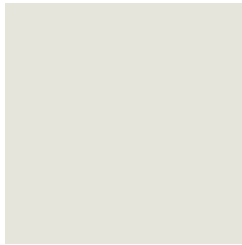
8.2738, 3.6097, 42.6438



0.6476, 0.3392, 3.1633

Previews

White Background



This preview shows how the XYZ color 73.4386, 77.9761, 78.1981 looks on a white background.

Color Contrast Check

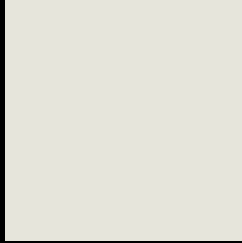
Large Text (above 18pt) WCAG AA × Fail

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 73.4386, 77.9761, 78.1981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

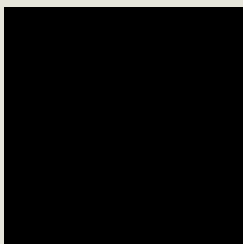
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

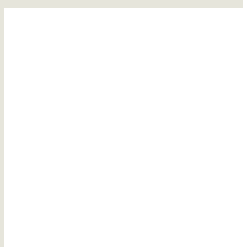
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4386, 77.9761, 78.1981

Background



This preview shows how black text looks on a background with the XYZ color 73.4386, 77.9761, 78.1981.

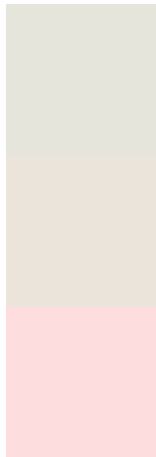


This preview shows how white text looks on a background with the XYZ color 73.4386, 77.9761,

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

73.4386, 77.9761, 78.1981

Protanopia

74.6592, 78.2109, 77.4909

Deuteranopia

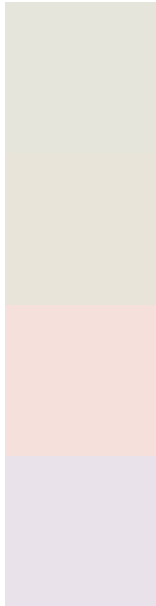
79.4156, 77.8160, 79.2410



Tritanopia

77.0346, 77.8139, 95.7534

Trichromacy



Original Color

73.4386, 77.9761, 78.1981

Protanomaly

74.0026, 77.8724, 77.4602

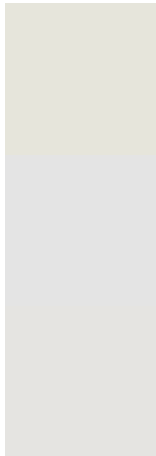
Deuteranomaly

77.2301, 77.8911, 78.6742

Tritanomaly

75.6519, 77.6569, 88.8439

Monochromacy



Original Color

73.4386, 77.9761, 78.1981

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6471, 77.5811, 82.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4386, 77.9761, 78.1981 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, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 219)  
}
```

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, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.4386, 77.9761, 78.1981 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, 229, 219) }
```


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

```
.border{ border-color:rgb(230, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4386, 77.9761, 78.1981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 219) }
```

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

```
.background{ background-color: rgb(230,  
229, 219) }
```

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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