

Converting Colors

XYZ(73.5430, 77.7113, 82.3719)

Have a look what the booklet for
XYZ(73.5430, 77.7113, 82.3719)
contains.

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Color

**XYZ(73.3289, 77.4170,
82.3123)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4E1
RGB	228, 228, 225
RGB Percent	89%, 89%, 88%
CMY	0.1059, 0.1059, 0.1176
CMYK	0.00, 0.00, 0.01, 0.11
HSL	60°, 5%, 89%
HSV	60°, 1%, 89%
XYZ	73.3289, 77.4170, 82.3123
YIQ	227.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

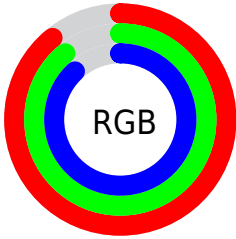
Format	Color
R_{YB}	225, 228, 225
Decimal	15000801
CIE Lab	90.51, -0.53, 1.45
CIE LCh	91, 1.544, 110.006
Yxy	77.4170, 0.3146, 0.3322
Android (android.graphics.Color)	4293190881 (0xFFE4E4E1)
YUV	227.6580, -1.3104, 0.2999
Hunter-Lab	87.9869, -5.2140, 6.1247

Details

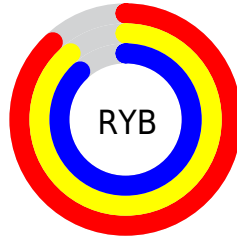
The XYZ color **73.3289, 77.4170, 82.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9831, 75.4615, 84.1743**, and the grayscale version is **73.5036, 77.3315, 84.2140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4328, 41.6737, 43.9957** is the 20% darker color. If you saturate the color by 10%, you get **70.4151, 76.2528, 67.0090**, and if you desaturate by 10%, it is **76.6625, 78.7540, 99.8066**.

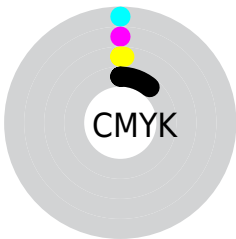
Distribution



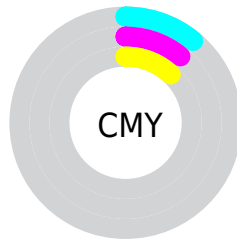
- Red (89%)
- Green (89%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3289, 77.4170, 82.3123 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 73.3289, 77.4170, 82.3123 by changing the saturation by 10% instead.

■ 73.3289, 77.4170,
82.3123

■ 73.3289, 77.4170,
82.3123

461.2401,
486.1846, 522.6026

■ 54.5343, 57.5952,
61.0857

122.9446,
129.7280, 138.4525

■ 39.2613, 41.4833,
43.8633

154.4965,
162.9859, 174.2031

■ 27.1447, 28.6969,
30.2267

191.0314,
201.4913, 215.6322

■ 17.8191, 18.8517,
19.7572

232.9148,
245.6286, 263.1582

■ 10.9191, 11.5631,
12.0363

280.5120,
295.7822, 317.1997

■ 6.0793, 6.4470,
6.6456

334.1884,

■ 2.9345, 3.1187,

352.3365, 378.1752

3.1664

394.3093,
415.6758, 446.5033

■ 1.1192, 1.1940,
1.1802

■ 0.0411, 0.0568,
0.0000

■ 73.3289, 77.4170,
82.3123

■ 73.3289, 77.4170,
82.3123

■ 70.4151, 76.2528,
67.0090

■ 76.6625, 78.7540,
99.8066

■ 67.8982, 75.2449,
53.8056

■ 77.8096, 79.2140,
105.7966

■ 65.7629, 74.3897,
42.6121

■ 77.8193, 79.2190,
105.7970

■ 63.9907, 73.6797,
33.3299

■ 77.8290, 79.2240,
105.7975

62.5611, 73.1068,
25.8523

77.8386, 79.2289,
105.7979

61.4519, 72.6620,
20.0620

77.8483, 79.2339,
105.7984

60.6383, 72.3354,
15.8278

77.8580, 79.2389,
105.7988

60.0916, 72.1156,
12.9995

77.8677, 79.2439,
105.7993

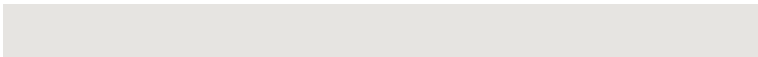
59.7777, 71.9890,
11.3970

77.8774, 79.2489,
105.7997

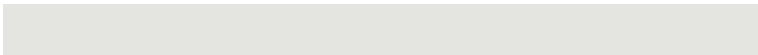
Harmonies

Analogous

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



73.7114, 77.4170, 82.2178



73.3289, 77.4170, 82.3123



73.0154, 77.4170, 82.9351

Triad

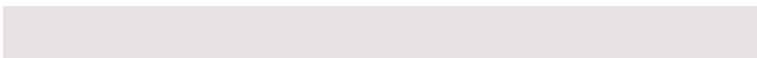
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3289, 77.4170, 82.3123



73.1065, 77.4170, 85.9330



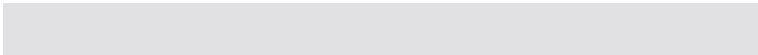
74.3159, 77.4170, 84.6634

Complementary

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



73.3289, 77.4170, 82.3123



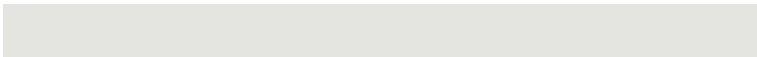
71.9831, 75.4615, 84.1743

Split Complementary

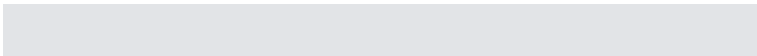
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1526, 77.4170, 85.6675



73.3289, 77.4170, 82.3123



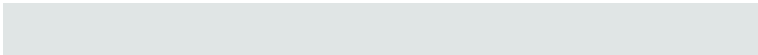
73.4538, 77.4170, 86.4047

Square

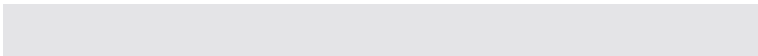
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



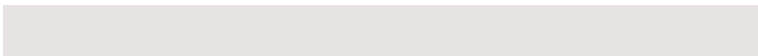
73.3289, 77.4170, 82.3123



72.8873, 77.4170, 85.0233



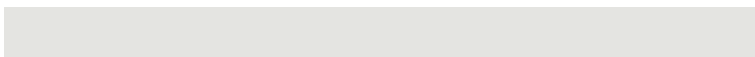
73.8368, 77.4170, 86.3072



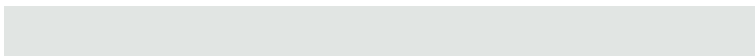
74.2822, 77.4170, 83.5688

Rectangle

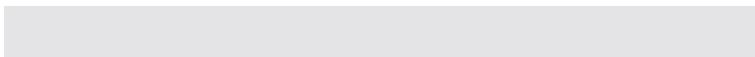
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



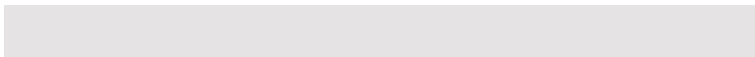
73.3289, 77.4170, 82.3123



72.8873, 77.4170, 83.5692



73.8368, 77.4170, 86.3072



74.2822, 77.4170, 85.0228

Sweetspot

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



73.3311, 77.4203, 82.3140

95.0500, 100.0000, 108.9000



72.5131, 75.7825, 82.0410



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



73.3311, 77.4203, 82.3140



94.2371, 99.6746, 104.6326



72.8579, 77.1764, 82.2918



16.0893, 17.0122, 17.8981



34.4402, 41.5361, 6.2021



2.5456, 3.0697, 0.4583

Inverse Universe

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



71.9831, 75.4615, 84.1743



91.5955, 95.8359, 108.2783



72.4522, 75.7033, 84.1963



15.6652, 16.3959, 18.4834



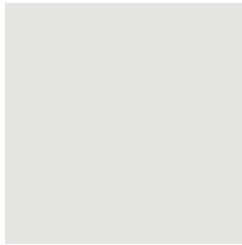
8.0892, 3.2360, 42.5814



0.5984, 0.2395, 3.1466

Previews

White Background



This preview shows how the XYZ color 73.3289, 77.4170, 82.3123 looks on a white background.

Color Contrast Check

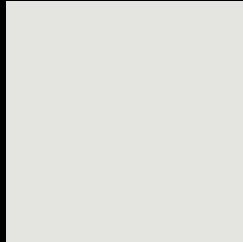
Large Text (above 18pt) WCAG AA × Fail

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 73.3289, 77.4170, 82.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

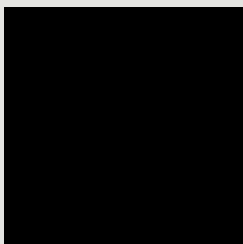
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

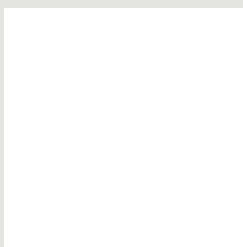
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3289, 77.4170, 82.3123

Background



This preview shows how black text looks on a background with the XYZ color 73.3289, 77.4170, 82.3123.



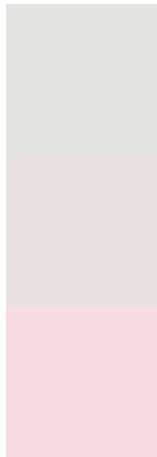
This preview shows how white text looks on a background with the XYZ color 73.3289, 77.4170,

82.3123.

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

73.3289, 77.4170, 82.3123

Protanopia

74.2023, 77.4758, 81.5644

Deuteranopia

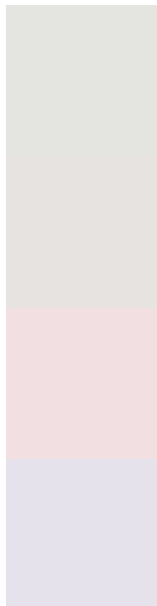
78.8827, 77.0564, 83.3889



Tritanopia

76.0579, 77.3104, 95.7077

Trichromacy



Original Color

73.3289, 77.4170, 82.3123

Protanomaly

73.8786, 77.3089, 81.5493

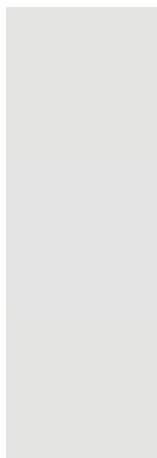
Deuteranomaly

76.7331, 77.1436, 82.7974

Tritanomaly

74.9698, 77.2718, 90.3205

Monochromacy



Original Color

73.3289, 77.4170, 82.3123

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 73.3289, 77.4170, 82.3123 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(228, 228, 225) looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 225)  
}
```

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(228, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.3289, 77.4170, 82.3123 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(228, 228, 225) }
```

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

```
.border{ border-color:rgb(228, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 73.3289, 77.4170, 82.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 225) }
```

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

```
.background{ background-color: rgb(228,  
228, 225) }
```

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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