

Converting Colors

XYZ(74.7943, 75.2071, 82.1136)

Have a look what the booklet for
XYZ(74.7943, 75.2071, 82.1136)
contains.

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Color

**XYZ(74.7070, 75.3263,
81.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDEE1
RGB	238, 221, 225
RGB Percent	93%, 87%, 88%
CMY	0.0667, 0.1333, 0.1176
CMYK	0.00, 0.07, 0.05, 0.07
HSL	346°, 33%, 90%
HSV	346°, 7%, 93%
XYZ	74.7070, 75.3263, 81.8361
YIQ	226.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

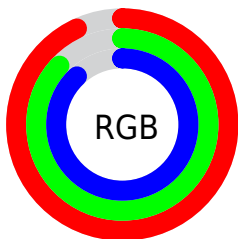
Format	Color
R _Y B	238, 221, 225
Decimal	15654369
CIE Lab	89.55, 6.50, 0.13
CIE LCh	90, 6.499, 1.184
Yxy	75.3263, 0.3222, 0.3249
Android (android.graphics.Color)	4293844449 (0xFFEEDDE1)
YUV	226.5390, -0.7587, 10.0513
Hunter-Lab	86.7907, 1.7640, 4.8482

Details

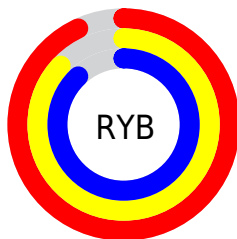
The XYZ color **74.7070, 75.3263, 81.8361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2475, 82.4638, 89.7972**, and the grayscale version is **72.6816, 76.4667, 83.2723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1833, 40.1198, 43.6562** is the 20% darker color. If you saturate the color by 10%, you get **66.5110, 62.6983, 67.4980**, and if you desaturate by 10%, it is **84.0628, 89.8483, 97.8691**.

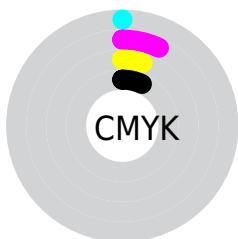
Distribution



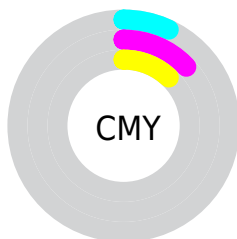
- Red (93%)
- Green (87%)
- Blue (88%)



- Red (93%)
- Yellow (87%)
- Blue (88%)



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





- Cyan (7%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7070, 75.3263, 81.8361 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 74.7070, 75.3263, 81.8361 by changing the saturation by 10% instead.


 74.7070, 75.3263,
81.8361

 74.7070, 75.3263,
81.8361


465.9226,
479.0384, 520.9683

 55.6662, 55.8802,
60.6954


124.8876,
126.7741, 137.7788

 40.1713, 40.1069,
43.5504


156.7582,
159.5447, 173.4178

 27.8569, 27.6219,
29.9826


193.6361,
197.5256, 214.7267

 18.3578, 18.0408,
19.5735

235.8867,
241.1012, 262.1241

 11.3084, 10.9793,
11.9044

283.8752,
290.6559, 316.0284

 6.3435, 6.0529,
6.5569

337.9672,

 3.0977, 2.8773,

346.5740, 376.8581

3.1123

398.5278,
409.2400, 445.0319

■ 1.2056, 1.0680,
1.1523

■ 0.1108, 0.0000,
0.0000

■ 74.7070, 75.3263,
81.8361

■ 74.7070, 75.3263,
81.8361

■ 66.5110, 62.6983,
67.4980

■ 84.0628, 89.8483,
97.8691

■ 59.4229, 51.8767,
54.7938

■ 89.0704, 96.9174,
108.6202

■ 53.3963, 42.7813,
43.6663

■ 48.3789, 35.3223,
34.0527

■ 44.3139, 29.4017,
25.8862

■ 41.1386, 24.9110,
19.0944

■ 38.7828, 21.7273,
13.5989

■ 37.1647, 19.7067,
9.3121

■ 36.1809, 18.6638,
6.1332

Harmonies

Analogous

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



74.3175, 75.3263, 86.3263



74.7070, 75.3263, 81.8361



74.2525, 75.3263, 77.5512

Triad

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



74.7070, 75.3263, 81.8361



70.0184, 75.3263, 74.7273



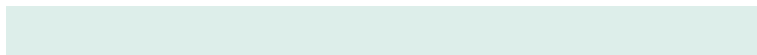
70.1267, 75.3263, 89.9601

Complementary

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



74.7070, 75.3263, 81.8361



75.2475, 82.4638, 89.7972

Split Complementary

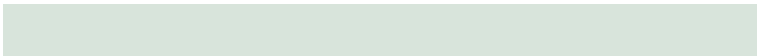
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0024, 75.3263, 86.6521



74.7070, 75.3263, 81.8361



68.9406, 75.3263, 77.8546

Square

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



74.7070, 75.3263, 81.8361



71.5320, 75.3263, 73.5421



68.5714, 75.3263, 82.1992



71.6588, 75.3263, 91.1203

Rectangle

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



74.7070, 75.3263, 81.8361



73.5359, 75.3263, 75.3596



68.5714, 75.3263, 82.1992



69.6893, 75.3263, 89.0565

Sweetspot

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



74.7091, 75.3296, 81.8377



92.8228, 96.5404, 105.0906



75.1412, 75.3396, 91.4717



19.8912, 20.6998, 22.5337



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.



74.7091, 75.3296, 81.8377



85.4620, 85.1419, 92.3924



75.3064, 77.3863, 79.3785



15.9251, 15.8197, 17.1617



20.1106, 10.3167, 3.2329



1.7104, 0.8732, 0.4656

Inverse Universe

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



74.7091, 75.3296, 81.8377



85.4620, 85.1419, 92.3924



74.6057, 80.2510, 92.4479



15.9251, 15.8197, 17.1617



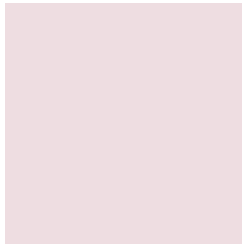
20.1106, 10.3167, 3.2329



1.7104, 0.8732, 0.4656

Previews

White Background



This preview shows how the XYZ color 74.7070, 75.3263, 81.8361 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 74.7070, 75.3263, 81.8361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

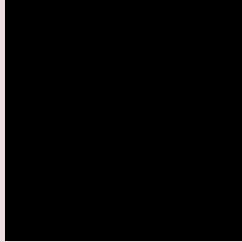
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

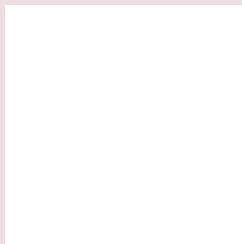
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7070, 75.3263, 81.8361

Background



This preview shows how black text looks on a background with the XYZ color 74.7070, 75.3263, 81.8361.



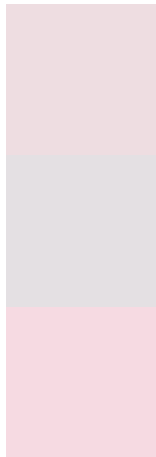
This preview shows how white text looks on a background with the XYZ color 74.7070, 75.3263,

81.8361.

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

74.7070, 75.3263, 81.8361

Protanopia

72.5157, 75.3513, 83.3953

Deuteranopia

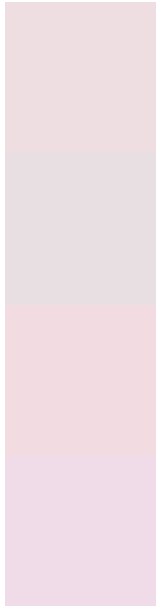
76.8049, 75.2266, 82.4236



Tritanopia

76.4070, 75.2444, 89.8534

Trichromacy



Original Color

74.7070, 75.3263, 81.8361

Protanomaly

73.3939, 75.4221, 82.6412

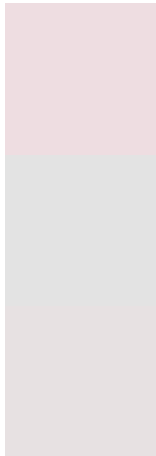
Deuteranomaly

76.0211, 75.2087, 82.4615

Tritanomaly

75.7553, 75.3633, 86.8978

Monochromacy



Original Color

74.7070, 75.3263, 81.8361

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6077, 76.3303, 82.8052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7070, 75.3263, 81.8361 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(238, 221, 225) looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 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(238, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.7070, 75.3263, 81.8361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

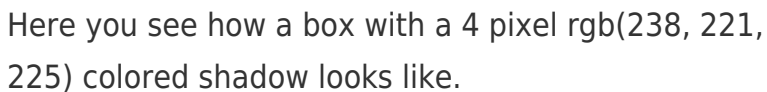
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 221, 225) }
```


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

```
.border{ border-color:rgb(238, 221, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 221, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 221, 225); box-shadow:4px 4px 4px 4px rgb(238, 221, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7070, 75.3263, 81.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 225) }
```

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

```
.background{ background-color: rgb(238,  
221, 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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