

Converting Colors

XYZ(70.4970, 74.1552, 80.7393)

Have a look what the booklet for
XYZ(70.4970, 74.1552, 80.7393)
contains.

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Color

**XYZ(70.4474, 73.9504,
80.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFDF
RGB	224, 223, 223
RGB Percent	88%, 87%, 87%
CMY	0.1216, 0.1255, 0.1255
CMYK	0.00, 0.00, 0.00, 0.12
HSL	0°, 2%, 88%
HSV	0°, 0%, 88%
XYZ	70.4474, 73.9504, 80.3729
YIQ	223.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

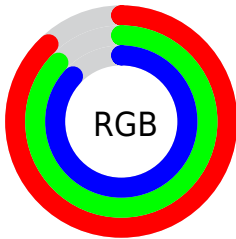
Format	Color
RYB	224, 223, 223
Decimal	14737375
CIELab	88.90, 0.34, 0.11
CIELCh	89, 0.359, 17.779
Yxy	73.9504, 0.3134, 0.3290
Android (android.graphics.Color)	4292927455 (0xFFE0DFDF)
YUV	223.2990, -0.1474, 0.6148
Hunter-Lab	85.9944, -4.2614, 4.7819

Details

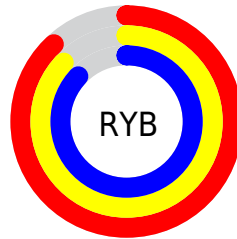
The XYZ color **70.4474, 73.9504, 80.3729** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5415, 74.3800, 81.1607**, and the grayscale version is **70.3543, 74.0182, 80.6059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4327, 39.2674, 42.6522** is the 20% darker color. If you saturate the color by 10%, you get **62.0520, 61.6766, 63.6471**, and if you desaturate by 10%, it is **80.0321, 87.9614, 99.4682**.

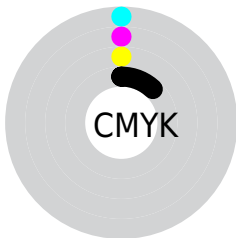
Distribution



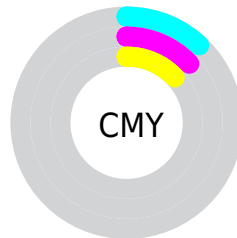
- Red (88%)
- Green (87%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4474, 73.9504, 80.3729 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 70.4474, 73.9504, 80.3729 by changing the saturation by 10% instead.

■ 70.4474, 73.9504,
80.3729

■ 70.4474, 73.9504,
80.3729

451.3613,
474.3022, 515.9285

■ 52.1723, 54.7534,
59.4973

118.8694,
124.8255, 135.7060

■ 37.3672, 39.2044,
42.5909

149.7469,
157.2724, 171.0006

■ 25.6669, 26.9187,
29.2353

185.5559,
194.9048, 211.9386

■ 16.7060, 17.5122,
19.0118

226.6618,
238.1070, 258.9385

■ 10.1191, 10.6003,
11.5019

273.4300,
287.2635, 312.4189

■ 5.5409, 5.7988,
6.2871

326.2257,

■ 2.6060, 2.7231,

342.7585, 372.7984

2.9488

385.4144,
404.9766, 440.4954

■ 0.9490, 0.9889,
1.0686

■ 0.0000, 0.0000,
0.0000

■ 70.4474, 73.9504,
80.3729

■ 70.4474, 73.9504,
80.3729

■ 62.0520, 61.6766,
63.6471

■ 80.0321, 87.9614,
99.4682

■ 54.7936, 51.0632,
49.1938

■ 84.5509, 94.5875,
108.4086

■ 48.6252, 42.0418,
36.9163

■ 43.4942, 34.5359,
26.7095

■ 39.3436, 28.4621,
18.4593

■ 36.1111, 23.7296,
12.0405

■ 33.7269, 20.2368,
7.3138

■ 32.1117, 17.8677,
4.1196

■ 31.1707, 16.4847,
2.2681

Harmonies

Analogous

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



70.4516, 73.9504, 80.6211



70.4474, 73.9504, 80.3729



70.4004, 73.9504, 80.1644

Triad

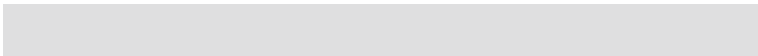
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4474, 73.9504, 80.3729



70.1636, 73.9504, 80.1972



70.2522, 73.9504, 80.9896

Complementary

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



70.4474, 73.9504, 80.3729



70.5415, 74.3800, 81.1607

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.



70.1750, 73.9504, 80.8755



70.4474, 73.9504, 80.3729



70.1239, 73.9504, 80.4178

Square

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



70.4474, 73.9504, 80.3729



70.2365, 73.9504, 80.0631



70.1281, 73.9504, 80.6661



70.3388, 73.9504, 80.9775

Rectangle

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



70.4474, 73.9504, 80.3729



70.3511, 73.9504, 80.0758



70.1281, 73.9504, 80.6661



70.2243, 73.9504, 80.9647

Sweetspot

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



70.4495, 73.9536, 80.3745

95.0500, 100.0000, 108.9000



70.5837, 74.0056, 81.0862



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.



70.4495, 73.9536, 80.3745



93.8372, 98.2270, 106.4837



70.5822, 74.2190, 80.4187



15.2746, 15.9942, 17.3436



17.9007, 9.2394, 0.8399



1.2423, 0.6435, 0.0587

Inverse Universe

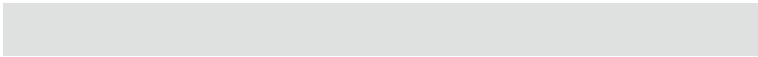
The Inverse Universe completely reimagines the original color for something new.



70.5415, 74.3800, 81.1607



94.1148, 99.5131, 108.8553



70.4085, 74.1138, 81.1164



15.3169, 16.1904, 17.7055



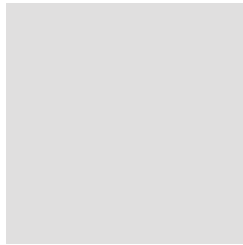
23.2109, 33.8914, 46.3667



1.6104, 2.3522, 3.2144

Previews

White Background



This preview shows how the XYZ color 70.4474, 73.9504, 80.3729 looks on a white background.

Color Contrast Check

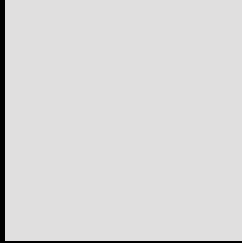
Large Text (above 18pt) WCAG AA × Fail

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 70.4474, 73.9504, 80.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

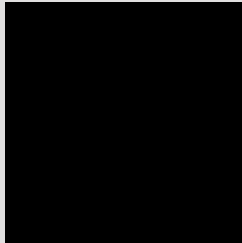
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

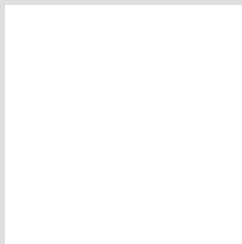
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4474, 73.9504, 80.3729

Background



This preview shows how black text looks on a background with the XYZ color 70.4474, 73.9504, 80.3729.

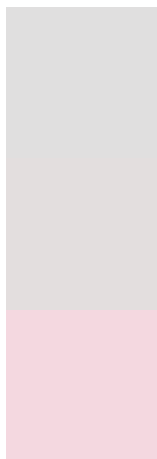


This preview shows how white text looks on a background with the XYZ color 70.4474, 73.9504,

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

70.4474, 73.9504, 80.3729

Protanopia

70.9846, 73.8474, 79.6199

Deuteranopia

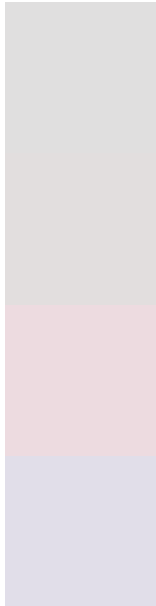
75.3186, 73.7266, 80.7820



Tritanopia

72.6531, 74.0547, 91.3537

Trichromacy



Original Color

70.4474, 73.9504, 80.3729

Protanomaly

70.6701, 73.6852, 79.6052

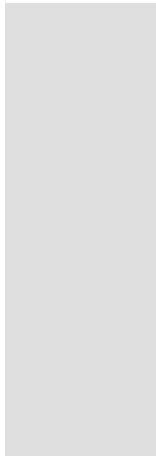
Deuteranomaly

73.7111, 74.0494, 80.9290

Tritanomaly

71.8806, 74.1333, 87.6114

Monochromacy



Original Color

70.4474, 73.9504, 80.3729

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1384, 73.7910, 80.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4474, 73.9504, 80.3729 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(224, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 223)  
}
```

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(224, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.4474, 73.9504, 80.3729 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(224, 223, 223) }
```

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

```
.border{ border-color:rgb(224, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 70.4474, 73.9504, 80.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 223) }
```

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

```
.background{ background-color: rgb(224,  
223, 223) }
```

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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