

Converting Colors

XYZ(70.2528, 73.2741, 80.9844)

Have a look what the booklet for
XYZ(70.2528, 73.2741, 80.9844)
contains.

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Color

**XYZ(70.3163, 73.4717,
80.9964)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DEE0
RGB	224, 222, 224
RGB Percent	88%, 87%, 88%
CMY	0.1216, 0.1294, 0.1216
CMYK	0.00, 0.01, 0.00, 0.12
HSL	300°, 3%, 87%
HSV	300°, 1%, 88%
XYZ	70.3163, 73.4717, 80.9964
YIQ	222.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

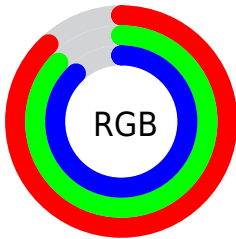
Format	Color
R_{YB}	224, 222, 224
Decimal	14737120
CIE Lab	88.67, 1.04, -0.75
CIE LCh	89, 1.280, 324.271
Yxy	73.4717, 0.3128, 0.3269
Android (android.graphics.Color)	4292927200 (0xFFE0DDE0)
YUV	222.8260, 0.5788, 1.0296
Hunter-Lab	85.7156, -3.5710, 3.9753

Details

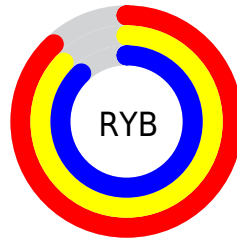
The XYZ color **70.3163, 73.4717, 80.9964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9675, 74.1168, 79.7293**, and the grayscale version is **70.0133, 73.6595, 80.2152**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3423, 38.9370, 43.0836** is the 20% darker color. If you saturate the color by 10%, you get **64.7582, 62.3552, 79.1447**, and if you desaturate by 10%, it is **76.6689, 86.1754, 83.1147**.

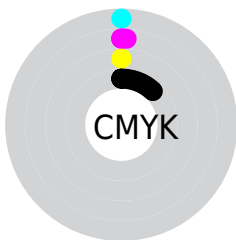
Distribution



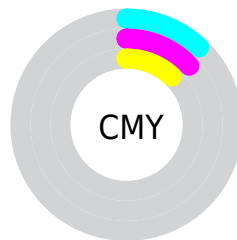
- Red (88%)
- Green (87%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3163, 73.4717, 80.9964 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 70.3163, 73.4717, 80.9964 by changing the saturation by 10% instead.

■ 70.3163, 73.4717,
80.9964

■ 70.3163, 73.4717,
80.9964

450.9089,
472.6480, 518.0795

■ 52.0650, 54.3618,
60.0077

118.6835,
124.1466, 136.5897

■ 37.2813, 38.8910,
42.9995

149.5301,
156.4804, 172.0314

■ 25.6001, 26.6749,
29.5533

185.3058,
193.9909, 213.1278

■ 16.6558, 17.3292,
19.2506

226.3761,
237.0625, 260.2975

■ 10.0832, 10.4695,
11.6729

273.1061,
286.0796, 313.9589

■ 5.5168, 5.7113,
6.4015

325.8614,

■ 2.5914, 2.6704,

341.4266, 374.5307

3.0180

385.0072,
403.4880, 442.4314

■ 0.9416, 0.9622,
1.1038

■ 0.0000, 0.0000,
0.0000

■ 70.3163, 73.4717,
80.9964

■ 70.3163, 73.4717,
80.9964

■ 64.7582, 62.3552,
79.1447

■ 76.6689, 86.1754,
83.1147

■ 59.9576, 52.7544,
77.5446

■ 79.9565, 92.7498,
84.2105

■ 55.8834, 44.6066,
76.1867

■ 79.9569, 92.7500,
84.2105

■ 52.5003, 37.8411,
75.0591

■ 79.9573, 92.7502,
84.2105

49.7701, 32.3813,
74.1491

79.9577, 92.7505,
84.2105

47.6506, 28.1429,
73.4428

79.9581, 92.7507,
84.2105

46.0949, 25.0321,
72.9243

79.9585, 92.7509,
84.2106

45.0492, 22.9413,
72.5759

79.9589, 92.7511,
84.2106

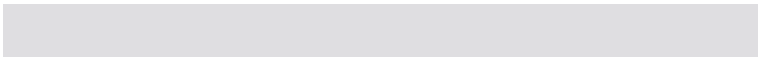
44.4494, 21.7423,
72.3760

79.9593, 92.7513,
84.2106

Harmonies

Analogous

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



70.0773, 73.4717, 81.5601



70.3163, 73.4717, 80.9964



70.4258, 73.4717, 80.1682

Triad

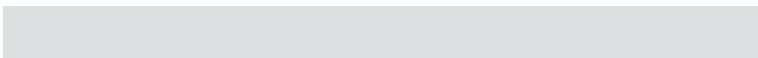
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3163, 73.4717, 80.9964



69.8920, 73.4717, 78.3163



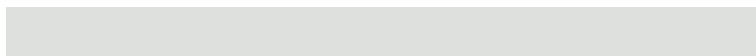
69.2922, 73.4717, 80.7000

Complementary

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



70.3163, 73.4717, 80.9964



69.9675, 74.1168, 79.7293

Split Complementary

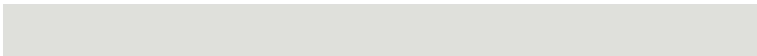
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2429, 73.4717, 79.8284



70.3163, 73.4717, 80.9964



69.5886, 73.4717, 78.4563

Square

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



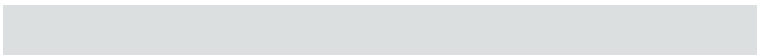
70.3163, 73.4717, 80.9964



70.1803, 73.4717, 78.6242



69.3512, 73.4717, 79.0082



69.4861, 73.4717, 81.3881

Rectangle

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



70.3163, 73.4717, 80.9964



70.4103, 73.4717, 79.5793



69.3512, 73.4717, 79.0082



69.2582, 73.4717, 80.4186

Sweetspot

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



70.3184, 73.4749, 80.9980

95.0500, 100.0000, 108.9000



69.7122, 73.1755, 80.9722



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.



70.3184, 73.4749, 80.9980



94.2418, 98.3838, 108.6306



70.1879, 73.4227, 80.3107



15.3363, 16.0181, 17.6712



25.7224, 12.3557, 42.0775



1.7830, 0.8564, 2.9166

Inverse Universe

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



70.0492, 73.3672, 79.5804



93.8340, 98.2206, 106.4828



70.0972, 74.1687, 80.4125



15.2741, 15.9932, 17.3434



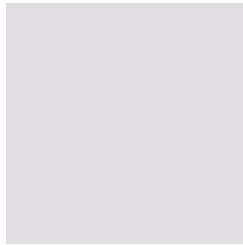
17.8932, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 70.3163, 73.4717, 80.9964 looks on a white background.

Color Contrast Check

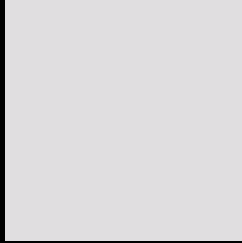
Large Text (above 18pt) WCAG AA × Fail

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 70.3163, 73.4717, 80.9964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

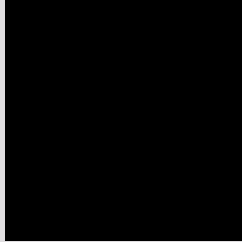
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

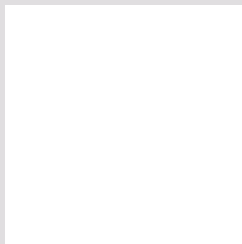
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3163, 73.4717, 80.9964

Background



This preview shows how black text looks on a background with the XYZ color 70.3163, 73.4717, 80.9964.



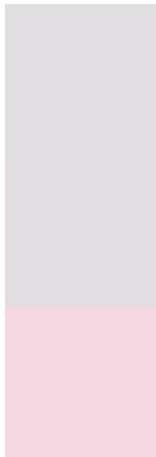
This preview shows how white text looks on a background with the XYZ color 70.3163, 73.4717,

80.9964.

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

70.3163, 73.4717, 80.9964

Protanopia

70.6750, 73.2635, 80.9373

Deuteranopia

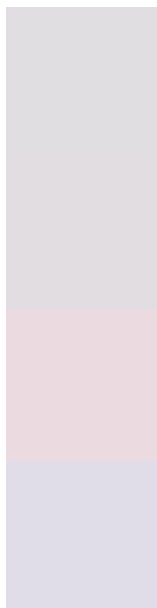
75.1086, 73.6027, 81.4822



Tritanopia

72.2433, 73.4696, 90.4942

Trichromacy



Original Color

70.3163, 73.4717, 80.9964

Protanomaly

70.3623, 73.1023, 80.9227

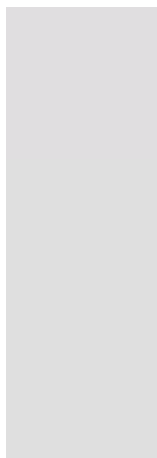
Deuteranomaly

73.2541, 73.4119, 81.5432

Tritanomaly

71.4733, 73.5466, 86.7728

Monochromacy



Original Color

70.3163, 73.4717, 80.9964

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 70.3163, 73.4717, 80.9964 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, 222, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 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(224, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.3163, 73.4717, 80.9964 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, 222, 224) }
```

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

```
.border{ border-color:rgb(224, 222, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 222, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 70.3163, 73.4717, 80.9964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 224) }
```

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

```
.background{ background-color: rgb(224,  
222, 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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