

Converting Colors

XYZ(70.7167, 74.2382, 76.0341)

Have a look what the booklet for
XYZ(70.7167, 74.2382, 76.0341)
contains.

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Color

**XYZ(70.5906, 74.1160,
76.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DFD9
RGB	227, 223, 217
RGB Percent	89%, 87%, 85%
CMY	0.1098, 0.1255, 0.1490
CMYK	0.00, 0.02, 0.04, 0.11
HSL	36°, 15%, 87%
HSV	36°, 4%, 89%
XYZ	70.5906, 74.1160, 76.2309
YIQ	223.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

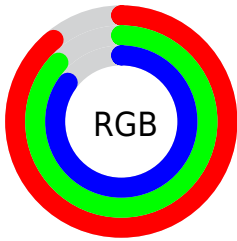
Format	Color
RYB	224, 227, 217
Decimal	14933977
CIELab	88.98, 0.31, 3.40
CIELCh	89, 3.419, 84.773
Yxy	74.1160, 0.3195, 0.3355
Android (android.graphics.Color)	4293124057 (0xFFE3DFD9)
YUV	223.5120, -3.2104, 3.0590
Hunter-Lab	86.0906, -4.2964, 7.7638

Details

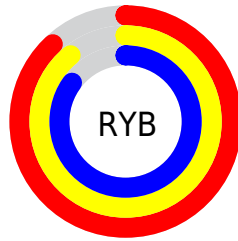
The XYZ color **70.5906, 74.1160, 76.2309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3368, 72.0095, 82.9714**, and the grayscale version is **70.5252, 74.1980, 80.8016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5375, 39.3846, 39.8060** is the 20% darker color. If you saturate the color by 10%, you get **65.4805, 68.2998, 60.9486**, and if you desaturate by 10%, it is **76.2409, 80.3608, 93.6988**.

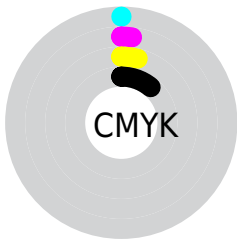
Distribution



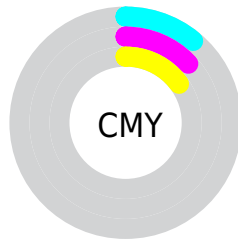
- Red (89%)
- Green (87%)
- Blue (85%)



- Red (88%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5906, 74.1160, 76.2309 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 70.5906, 74.1160, 76.2309 by changing the saturation by 10% instead.

■ 70.5906, 74.1160,
76.2309

■ 70.5906, 74.1160,
76.2309

451.8551,
474.8736, 501.5056

■ 52.2895, 54.8890,
56.1141

119.0723,
125.0602, 129.8163

■ 37.4611, 39.3128,
39.8898

149.9836,
157.5462, 164.1220

■ 25.7400, 27.0032,
27.1395

185.8290,
195.2207, 203.9944

■ 16.7609, 17.5756,
17.4446

226.9739,
238.4680, 249.8520

■ 10.1584, 10.6457,
10.3867

273.7836,
287.6726, 302.1134

■ 5.5672, 5.8292,
5.5472

326.6234,

■ 2.6219, 2.7415,

343.2188, 361.1971

2.5074

385.8588,
405.4910, 427.5216

■ 0.9571, 0.9983,
0.8441

■ 0.0000, 0.0000,
0.0000

■ 70.5906, 74.1160,
76.2309

■ 70.5906, 74.1160,
76.2309

■ 65.4805, 68.2998,
60.9486

■ 76.2409, 80.3608,
93.6988

■ 60.8859, 62.8920,
47.7596

■ 81.2277, 86.5487,
107.0321

■ 56.7892, 57.8846,
36.5722

■ 83.9822, 92.0576,
107.9503

■ 53.1694, 53.2658,
27.2857

■ 85.4889, 95.0711,
108.4525

■ 50.0036, 49.0230,
19.7911

■ 47.2669, 45.1426,
13.9676

■ 44.9314, 41.6099,
9.6798

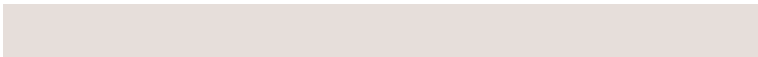
■ 42.9650, 38.4083,
6.7705

■ 41.3291, 35.5183,
5.0481

Harmonies

Analogous

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



71.3701, 74.1160, 77.0215



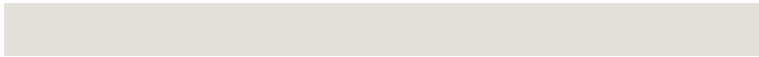
70.5906, 74.1160, 76.2309



69.7781, 74.1160, 76.6184

Triad

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



70.5906, 74.1160, 76.2309



69.0052, 74.1160, 82.6311



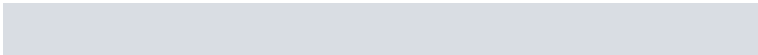
71.7574, 74.1160, 83.3663

Complementary

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



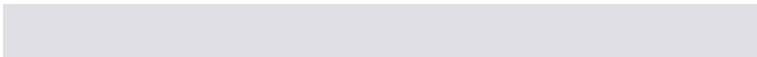
70.5906, 74.1160, 76.2309



68.3368, 72.0095, 82.9714

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.



71.1162, 74.1160, 84.9235



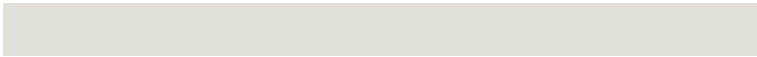
70.5906, 74.1160, 76.2309



69.5280, 74.1160, 84.4932

Square

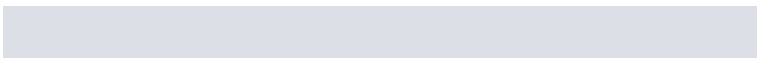
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5906, 74.1160, 76.2309



68.8669, 74.1160, 80.2838



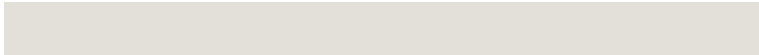
70.2997, 74.1160, 85.3399



72.0471, 74.1160, 81.1170

Rectangle

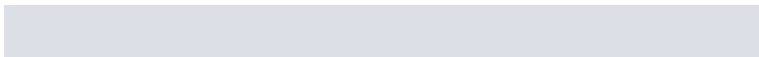
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5906, 74.1160, 76.2309



69.3264, 74.1160, 77.4967



70.2997, 74.1160, 85.3399



71.5756, 74.1160, 83.9898

Sweetspot

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



70.5927, 74.1192, 76.2325



94.3179, 99.1884, 106.6440



69.5435, 71.1781, 78.4810



20.1956, 21.2390, 22.8500



0.0000, 0.0000, 0.0000



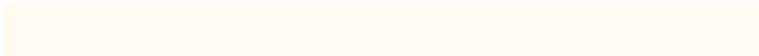
20.3446, 21.4041, 23.3091

Same Dimension

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



70.5927, 74.1192, 76.2325



91.4608, 95.9982, 97.9104



71.3584, 76.1176, 76.5779



15.5310, 16.2958, 16.4766



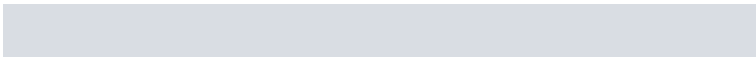
23.7509, 20.0759, 2.6232



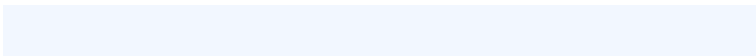
1.8454, 1.6641, 0.2239

Inverse Universe

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



68.3368, 72.0095, 82.9714



88.1201, 92.8741, 107.8898



67.5924, 70.0783, 82.6379



14.8907, 15.6970, 18.3893



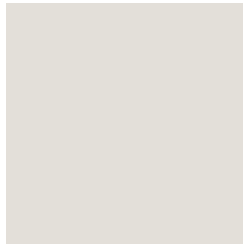
10.3602, 7.7826, 43.3393



0.8544, 0.7528, 3.2322

Previews

White Background



This preview shows how the XYZ color 70.5906, 74.1160, 76.2309 looks on a white background.

Color Contrast Check

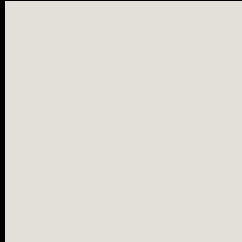
Large Text (above 18pt) WCAG AA × Fail

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 70.5906, 74.1160, 76.2309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

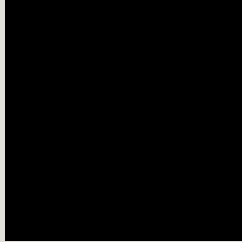
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

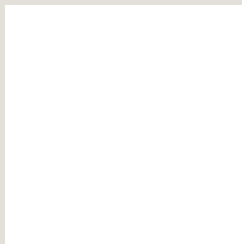
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5906, 74.1160, 76.2309

Background



This preview shows how black text looks on a background with the XYZ color 70.5906, 74.1160, 76.2309.

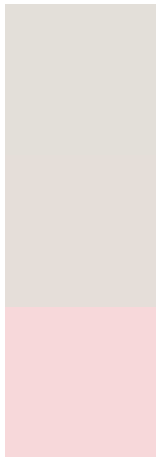


This preview shows how white text looks on a background with the XYZ color 70.5906, 74.1160,

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

70.5906, 74.1160, 76.2309

Protanopia

70.9588, 73.9103, 76.1718

Deuteranopia

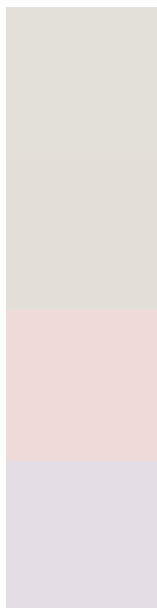
75.5685, 73.9478, 76.6201



Tritanopia

73.5124, 74.1238, 90.5536

Trichromacy



Original Color

70.5906, 74.1160, 76.2309

Protanomaly

70.6406, 73.7463, 76.1569

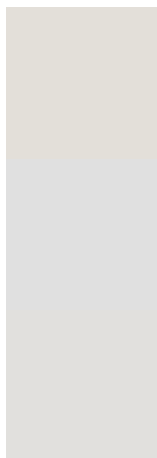
Deuteranomaly

73.9216, 74.2503, 76.7653

Tritanomaly

72.4525, 74.0841, 85.3439

Monochromacy



Original Color

70.5906, 74.1160, 76.2309

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7581, 74.5393, 79.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5906, 74.1160, 76.2309 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(227, 223, 217) looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 217)  
}
```

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(227, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.5906, 74.1160, 76.2309 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(227, 223, 217) }
```


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

```
.border{ border-color:rgb(227, 223, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 223,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5906, 74.1160, 76.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 217) }
```

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

```
.background{ background-color: rgb(227,  
223, 217) }
```

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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