

Converting Colors

XYZ(70.4048, 74.8670, 75.9240)

Have a look what the booklet for
XYZ(70.4048, 74.8670, 75.9240)
contains.

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Color

**XYZ(70.3712, 74.8158,
75.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1D8
RGB	225, 225, 216
RGB Percent	88%, 88%, 85%
CMY	0.1176, 0.1176, 0.1529
CMYK	0.00, 0.00, 0.04, 0.12
HSL	60°, 13%, 86%
HSV	60°, 4%, 88%
XYZ	70.3712, 74.8158, 75.6977
YIQ	223.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

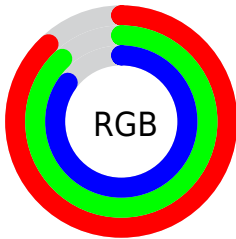
Format	Color
RYB	216, 225, 216
Decimal	14803416
CIELab	89.31, -1.58, 4.39
CIELCh	89, 4.663, 109.779
Yxy	74.8158, 0.3186, 0.3387
Android (android.graphics.Color)	4292993496 (0xFFE1E1D8)
YUV	223.9740, -3.9312, 0.8998
Hunter-Lab	86.4961, -6.1449, 8.6592

Details

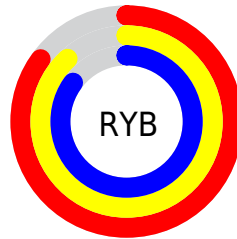
The XYZ color **70.3712, 74.8158, 75.6977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4682, 69.1489, 81.0818**, and the grayscale version is **70.8605, 74.5507, 81.1858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3853, 39.8687, 39.4432** is the 20% darker color. If you saturate the color by 10%, you get **67.6569, 73.7321, 61.4115**, and if you desaturate by 10%, it is **73.4881, 76.0653, 92.0851**.

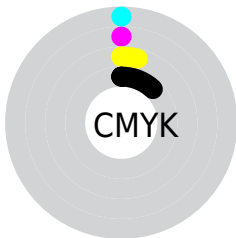
Distribution



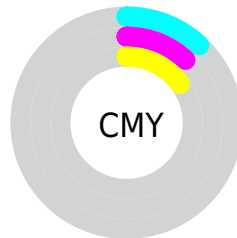
- Red (88%)
- Green (88%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3712, 74.8158, 75.6977 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 70.3712, 74.8158, 75.6977 by changing the saturation by 10% instead.

■ 70.3712, 74.8158,
75.6977

■ 70.3712, 74.8158,
75.6977

451.0984,
477.2842, 499.6315

■ 52.1099, 55.4620,
55.6795

118.7613,
126.0516, 129.0557

■ 37.3173, 39.7717,
39.5437

149.6209,
158.7024, 163.2325

■ 25.6281, 27.3606,
26.8719

185.4106,
196.5542, 202.9660

■ 16.6768, 17.8442,
17.2455

226.4958,
239.9916, 248.6746

■ 10.0982, 10.8382,
10.2458

273.2418,
289.3989, 300.7769

■ 5.5269, 5.9582,
5.4545

326.0140,

■ 2.5975, 2.8197,

345.1605, 359.6915

2.4530

385.1777,
407.6608, 425.8368

■ 0.9447, 1.0383,
0.8151

■ 0.0000, 0.0000,
0.0000

■ 70.3712, 74.8158,
75.6977

■ 70.3712, 74.8158,
75.6977

■ 67.6569, 73.7321,
61.4115

■ 73.4881, 76.0653,
92.0851

■ 65.3228, 72.7981,
49.1369

■ 76.0348, 77.0844,
105.4790

■ 63.3538, 72.0102,
38.7852

■ 76.0379, 77.0860,
105.4792

■ 61.7315, 71.3609,
30.2589

■ 76.0411, 77.0876,
105.4793

60.4358, 70.8422,
23.4523

76.0443, 77.0893,
105.4795

59.4445, 70.4453,
18.2485

76.0475, 77.0909,
105.4796

58.7326, 70.1602,
14.5165

76.0507, 77.0926,
105.4798

58.2714, 69.9753,
12.1042

76.0539, 77.0942,
105.4799

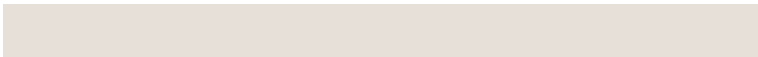
58.0257, 69.8767,
10.8271

76.0570, 77.0958,
105.4801

Harmonies

Analogous

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



71.4997, 74.8158, 75.4402



70.3712, 74.8158, 75.6977



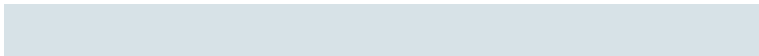
69.4500, 74.8158, 77.4760

Triad

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



70.3712, 74.8158, 75.6977



69.7045, 74.8158, 86.3482



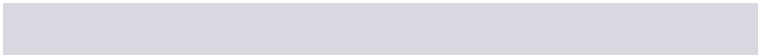
73.2886, 74.8158, 82.5803

Complementary

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



70.3712, 74.8158, 75.6977



66.4682, 69.1489, 81.0818

Split Complementary

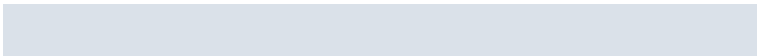
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7966, 74.8158, 85.5817



70.3712, 74.8158, 75.6977



70.7221, 74.8158, 87.7953

Square

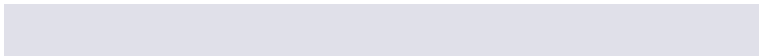
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3712, 74.8158, 75.6977



69.0680, 74.8158, 83.6039



71.8543, 74.8158, 87.5111



73.1922, 74.8158, 79.3564

Rectangle

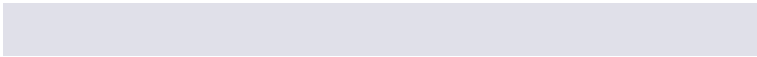
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3712, 74.8158, 75.6977



69.0737, 74.8158, 79.3118



71.8543, 74.8158, 87.5111



73.1863, 74.8158, 83.6501

Sweetspot

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



70.3733, 74.8190, 75.6993



94.6417, 99.8366, 106.7520



68.0042, 70.0790, 74.9093



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



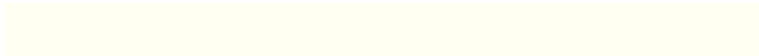
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3733, 74.8190, 75.6993



93.0625, 99.2047, 98.4449



68.9894, 74.1056, 75.6346



15.0974, 16.1198, 15.8068



33.3907, 40.2460, 6.0084



2.3147, 2.7897, 0.4165

Inverse Universe

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



66.4682, 69.1489, 81.0818



86.5824, 89.7957, 107.3767



67.8155, 69.8435, 81.1449



13.9163, 14.4049, 17.4346



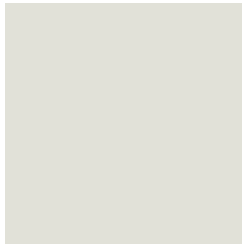
7.8325, 3.1331, 41.2403



0.5431, 0.2173, 2.8586

Previews

White Background



This preview shows how the XYZ color 70.3712, 74.8158, 75.6977 looks on a white background.

Color Contrast Check

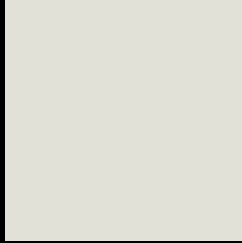
Large Text (above 18pt) WCAG AA × Fail

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 70.3712, 74.8158, 75.6977 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

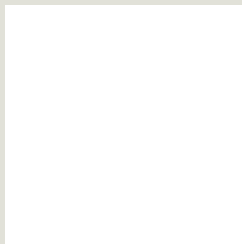
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3712, 74.8158, 75.6977

Background



This preview shows how black text looks on a background with the XYZ color 70.3712, 74.8158, 75.6977.

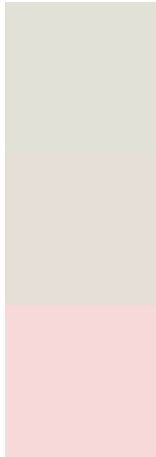


This preview shows how white text looks on a background with the XYZ color 70.3712, 74.8158,

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

70.3712, 74.8158, 75.6977

Protanopia

71.2865, 74.5046, 74.9136

Deuteranopia

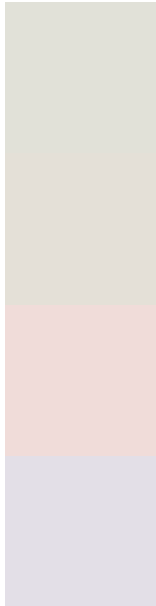
76.1791, 74.6441, 76.7223



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

70.3712, 74.8158, 75.6977

Protanomaly

70.9163, 74.7116, 74.9731

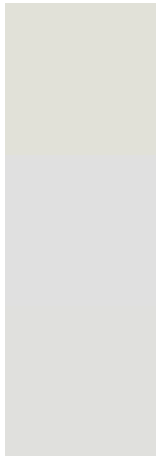
Deuteranomaly

74.0528, 74.7214, 76.1653

Tritanomaly

72.4900, 74.8758, 86.2331

Monochromacy



Original Color

70.3712, 74.8158, 75.6977

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.4473, 74.3791, 79.0502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3712, 74.8158, 75.6977 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(225, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 216)  
}
```

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(225, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.3712, 74.8158, 75.6977 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(225, 225, 216) }
```


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

```
.border{ border-color:rgb(225, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3712, 74.8158, 75.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 216) }
```

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

```
.background{ background-color: rgb(225,  
225, 216) }
```

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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