

Converting Colors

XYZ(70.2423, 74.7643, 75.0188)

Have a look what the booklet for
XYZ(70.2423, 74.7643, 75.0188)
contains.

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Color

**XYZ(70.2423, 74.7643,
75.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1D7
RGB	225, 225, 215
RGB Percent	88%, 88%, 84%
CMY	0.1176, 0.1176, 0.1569
CMYK	0.00, 0.00, 0.04, 0.12
HSL	60°, 14%, 86%
HSV	60°, 4%, 88%
XYZ	70.2423, 74.7643, 75.0188
YIQ	223.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

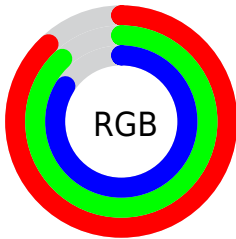
Format	Color
RYP	215, 225, 215
Decimal	14803415
CIE Lab	89.28, -1.75, 4.88
CIE LCh	89, 5.182, 109.739
Yxy	74.7643, 0.3192, 0.3398
Android (android.graphics.Color)	4292993495 (0xFFE1E1D7)
YUV	223.8600, -4.3680, 0.9998
Hunter-Lab	86.4664, -6.3088, 9.0860

Details

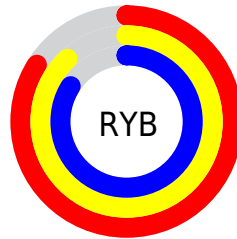
The XYZ color **70.2423, 74.7643, 75.0188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9183, 68.4863, 80.9830**, and the grayscale version is **70.7820, 74.4681, 81.0958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2975, 39.8336, 38.9806** is the 20% darker color. If you saturate the color by 10%, you get **67.5455, 73.6876, 60.8239**, and if you desaturate by 10%, it is **73.3410, 76.0065, 91.3113**.

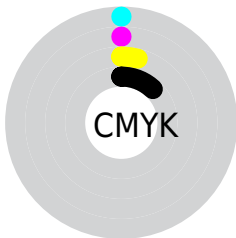
Distribution



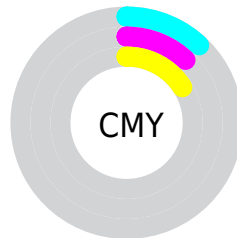
- Red (88%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2423, 74.7643, 75.0188 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 70.2423, 74.7643, 75.0188 by changing the saturation by 10% instead.

■ 70.2423, 74.7643,
75.0188

■ 70.2423, 74.7643,
75.0188

450.6535,
477.1071, 497.2393

■ 52.0044, 55.4198,
55.1265

118.5786,
125.9787, 128.0863

■ 37.2329, 39.7379,
39.1037

149.4077,
158.6173, 162.0986

■ 25.5623, 27.3343,
26.5320

185.1647,
196.4562, 201.6546

■ 16.6275, 17.8244,
16.9927

226.2147,
239.8796, 247.1728

■ 10.0629, 10.8240,
10.0674

272.9233,
289.2720, 299.0719

■ 5.5033, 5.9486,
5.3375

325.6557,

■ 2.5832, 2.8139,

345.0178, 357.7703

2.3844

384.7773,
407.5014, 423.6866

■ 0.9374, 1.0353,
0.7779

■ 0.0000, 0.0000,
0.0000

■ 70.2423, 74.7643,
75.0188

■ 70.2423, 74.7643,
75.0188

■ 67.5455, 73.6876,
60.8239

■ 73.3410, 76.0065,
91.3113

■ 65.2282, 72.7604,
48.6368

■ 76.0344, 77.0843,
105.4790

■ 63.2752, 71.9788,
38.3683

■ 76.0375, 77.0858,
105.4792

■ 61.6680, 71.3356,
29.9208

■ 76.0405, 77.0874,
105.4793

60.3865, 70.8226,
23.1879

76.0435, 77.0889,
105.4795

59.4083, 70.4310,
18.0525

76.0465, 77.0905,
105.4796

58.7083, 70.1507,
14.3825

76.0495, 77.0920,
105.4798

58.2577, 69.9701,
12.0250

76.0525, 77.0936,
105.4799

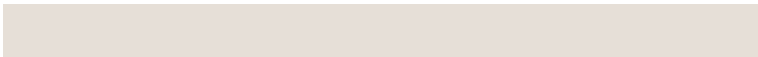
58.0208, 69.8750,
10.7932

76.0555, 77.0951,
105.4800

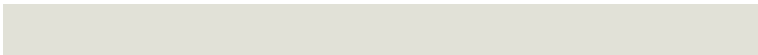
Harmonies

Analogous

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



71.4957, 74.7643, 74.7368



70.2423, 74.7643, 75.0188



69.2199, 74.7643, 76.9830

Triad

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



70.2423, 74.7643, 75.0188



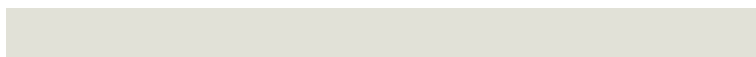
69.4997, 74.7643, 86.8421



73.4834, 74.7643, 82.6537

Complementary

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



70.2423, 74.7643, 75.0188



65.9183, 68.4863, 80.9830

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.



72.9350, 74.7643, 85.9945



70.2423, 74.7643, 75.0188



70.6285, 74.7643, 88.4597

Square

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



70.2423, 74.7643, 75.0188



68.7947, 74.7643, 83.7828



71.8865, 74.7643, 88.1450



73.3770, 74.7643, 79.0738

Rectangle

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



70.2423, 74.7643, 75.0188



68.8021, 74.7643, 79.0153



71.8865, 74.7643, 88.1450



73.3693, 74.7643, 83.8436

Sweetspot

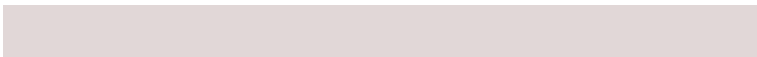
The Sweet Spot groups the original color and five complimentary colors.



70.2444, 74.7675, 75.0204



94.6417, 99.8366, 106.7520



67.6199, 69.5166, 74.1452



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.



70.2444, 74.7675, 75.0204



93.0626, 99.2048, 98.4449



68.7090, 73.9760, 74.9486



15.0974, 16.1198, 15.8068



33.3916, 40.2465, 6.0084



2.3147, 2.7898, 0.4165

Inverse Universe

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



65.9183, 68.4863, 80.9830



86.5823, 89.7957, 107.3767



67.4085, 69.2545, 81.0527



13.9163, 14.4049, 17.4346



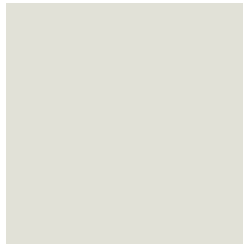
7.8325, 3.1331, 41.2403



0.5431, 0.2173, 2.8586

Previews

White Background



This preview shows how the XYZ color 70.2423, 74.7643, 75.0188 looks on a white background.

Color Contrast Check

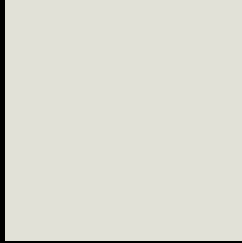
Large Text (above 18pt) WCAG AA × Fail

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 70.2423, 74.7643, 75.0188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

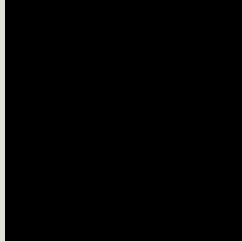
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

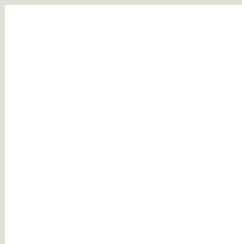
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2423, 74.7643, 75.0188

Background



This preview shows how black text looks on a background with the XYZ color 70.2423, 74.7643, 75.0188.

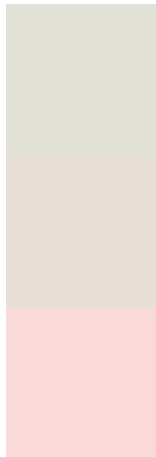


This preview shows how white text looks on a background with the XYZ color 70.2423, 74.7643,

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

70.2423, 74.7643, 75.0188

Protanopia

71.4803, 74.6193, 74.2539

Deuteranopia

76.4042, 74.7752, 76.0518



Tritanopia

73.7495, 74.6029, 92.1741

Trichromacy



Original Color

70.2423, 74.7643, 75.0188

Protanomaly

71.1064, 74.8244, 74.3132

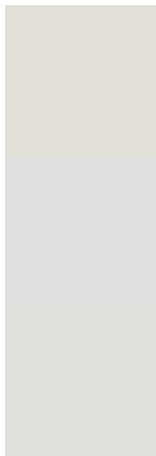
Deuteranomaly

73.9230, 74.6695, 75.4822

Tritanomaly

72.3991, 74.4497, 85.4173

Monochromacy



Original Color

70.2423, 74.7643, 75.0188

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 70.2423, 74.7643, 75.0188 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, 215) looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.2423, 74.7643, 75.0188 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, 215) }
```


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

```
.border{ border-color:rgb(225, 225, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2423, 74.7643, 75.0188 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, 215) }
```

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

```
.background{ background-color: rgb(225,  
225, 215) }
```

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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