

Converting Colors

XYZ(73.0100, 74.7353, 75.4797)

Have a look what the booklet for
XYZ(73.0100, 74.7353, 75.4797)
contains.

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Color

**XYZ(72.8432, 74.5036,
75.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDD8
RGB	236, 221, 216
RGB Percent	93%, 87%, 85%
CMY	0.0745, 0.1333, 0.1529
CMYK	0.00, 0.06, 0.08, 0.07
HSL	15°, 34%, 89%
HSV	15°, 8%, 93%
XYZ	72.8432, 74.5036, 75.5071
YIQ	224.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

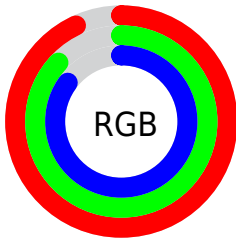
Format	Color
R _Y B	236, 223, 216
Decimal	15523288
CIE Lab	89.16, 4.29, 4.28
CIE LCh	89, 6.062, 44.955
Yxy	74.5036, 0.3269, 0.3343
Android (android.graphics.Color)	4293713368 (0xFFECDDD8)
YUV	224.9150, -4.3951, 9.7215
Hunter-Lab	86.3155, -0.4127, 8.5551

Details

The XYZ color **72.8432, 74.5036, 75.5071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0350, 77.8056, 90.5792**, and the grayscale version is **71.5340, 75.2593, 81.9574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8916, 39.5489, 39.3021** is the 20% darker color. If you saturate the color by 10%, you get **65.5808, 64.5153, 59.0989**, and if you desaturate by 10%, it is **81.0405, 85.6587, 94.3907**.

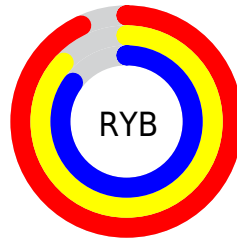
Distribution



Red (93%)

Green (87%)

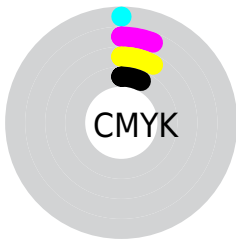
Blue (85%)



Red (93%)

Yellow (87%)

Blue (85%)

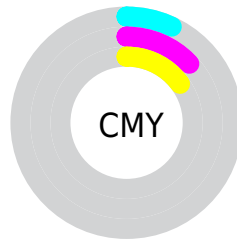


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8432, 74.5036, 75.5071 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 72.8432, 74.5036, 75.5071 by changing the saturation by 10% instead.

72.8432, 74.5036,
75.5071

72.8432, 74.5036,
75.5071

459.5834,
476.2096, 498.9606

54.1357, 55.2063,
55.5242

122.2589,
125.6094, 128.7836

38.9412, 39.5669,
39.4201

153.6978,
158.1868, 162.9143

26.8945, 27.2010,
26.7764

190.1112,
195.9596, 202.5980

17.6302, 17.7243,
17.1744

231.8645,
239.3123, 248.2533

10.7829, 10.7522,
10.1956

279.3230,
288.6292, 300.2986

5.9873, 5.9005,
5.4216

332.8521,

2.8779, 2.7847,

344.2949, 359.1526

2.4336

392.8171,
406.6935, 425.2337

■ 1.0895, 1.0204,
0.8047

■ 0.0163, 0.0000,
0.0000

■ 72.8432, 74.5036,
75.5071

■ 72.8432, 74.5036,
75.5071

■ 65.5808, 64.5153,
59.0989

■ 81.0405, 85.6587,
94.3907

■ 59.2132, 55.6460,
45.0583

■ 88.4025, 96.5731,
108.5889

■ 53.7067, 47.8593,
33.2766

■ 49.0229, 41.1128,
23.6348

■ 45.1204, 35.3614,
16.0028

■ 41.9539, 30.5566,
10.2364

■ 39.4732, 26.6454,
6.1716

■ 37.6207, 23.5693,
3.6156

■ 36.3212, 21.2589,
2.2924

Harmonies

Analogous

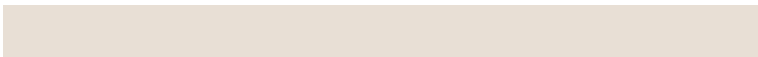
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5941, 74.5036, 79.0399



72.8432, 74.5036, 75.5071



71.5535, 74.5036, 73.5144

Triad

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



72.8432, 74.5036, 75.5071



68.1048, 74.5036, 79.0278



71.5492, 74.5036, 89.2401

Complementary

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



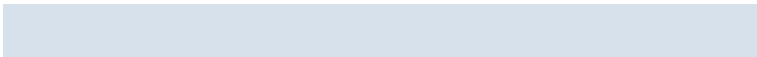
72.8432, 74.5036, 75.5071



72.0350, 77.8056, 90.5792

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.



70.0785, 74.5036, 89.2366



72.8432, 74.5036, 75.5071



68.1037, 74.5036, 83.2399

Square

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



72.8432, 74.5036, 75.5071



68.8248, 74.5036, 75.4985



68.8217, 74.5036, 87.0081



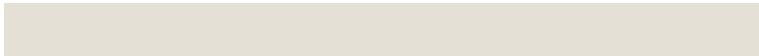
72.8400, 74.5036, 87.0175

Rectangle

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



72.8432, 74.5036, 75.5071



70.5683, 74.5036, 73.2820



68.8217, 74.5036, 87.0081



71.0591, 74.5036, 89.5017

Sweetspot

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



72.8453, 74.5069, 75.5087



92.0399, 95.9118, 101.9409



73.5727, 72.7152, 85.7600



19.5319, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



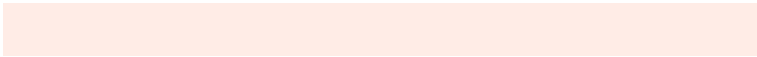
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8453, 74.5069, 75.5087



85.4138, 86.8671, 86.7605



75.5636, 79.9436, 76.4148



15.3717, 15.6663, 15.7325



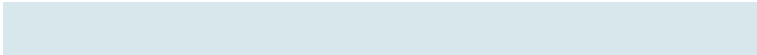
20.0176, 11.7295, 1.2090



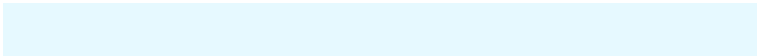
1.6463, 1.0700, 0.1198

Inverse Universe

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



72.0350, 77.8056, 90.5792



84.2812, 91.4769, 107.8225



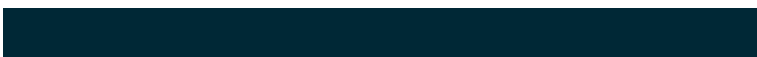
69.3167, 72.3690, 89.6731



15.1800, 16.4465, 19.2967



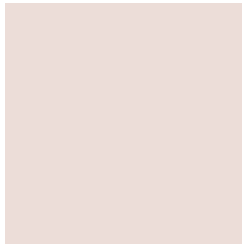
17.1147, 20.8763, 46.8705



1.4192, 1.7900, 3.7056

Previews

White Background



This preview shows how the XYZ color 72.8432, 74.5036, 75.5071 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 72.8432, 74.5036, 75.5071 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

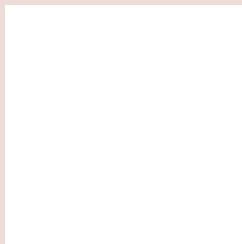
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8432, 74.5036, 75.5071

Background



This preview shows how black text looks on a background with the XYZ color 72.8432, 74.5036, 75.5071.



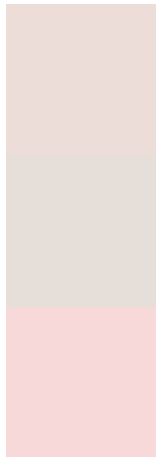
This preview shows how white text looks on a background with the XYZ color 72.8432, 74.5036,

75.5071.

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

72.8432, 74.5036, 75.5071

Protanopia

71.5452, 74.6081, 76.2756

Deuteranopia

76.0486, 74.5919, 76.0351



Tritanopia

75.6634, 74.4917, 88.9877

Trichromacy



Original Color

72.8432, 74.5036, 75.5071

Protanomaly

71.9244, 74.4081, 76.2170

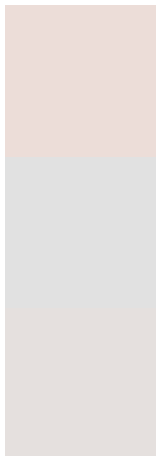
Deuteranomaly

74.9040, 74.3857, 76.0556

Tritanomaly

74.5950, 74.4416, 83.8359

Monochromacy



Original Color

72.8432, 74.5036, 75.5071

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1536, 75.2432, 79.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8432, 74.5036, 75.5071 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(236, 221, 216) looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 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(236, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.8432, 74.5036, 75.5071 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(236, 221, 216) }
```


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

```
.border{ border-color:rgb(236, 221, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8432, 74.5036, 75.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 216) }
```

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

```
.background{ background-color: rgb(236,  
221, 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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