

Converting Colors

XYZ(71.1454, 73.6728, 73.4213)

Have a look what the booklet for
XYZ(71.1454, 73.6728, 73.4213)
contains.

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Color

**XYZ(71.1454, 73.6728,
73.4213)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDD5
RGB	232, 221, 213
RGB Percent	91%, 87%, 84%
CMY	0.0902, 0.1333, 0.1647
CMYK	0.00, 0.05, 0.08, 0.09
HSL	25°, 29%, 87%
HSV	25°, 8%, 91%
XYZ	71.1454, 73.6728, 73.4213
YIQ	223.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

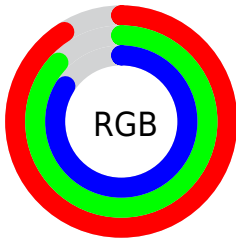
Format	Color
R _Y B	232, 227, 213
Decimal	15261141
CIE Lab	88.77, 2.40, 5.25
CIE LCh	89, 5.774, 65.457
Yxy	73.6728, 0.3260, 0.3376
Android (android.graphics.Color)	4293451221 (0xFFE8DDD5)
YUV	223.3770, -5.1159, 9.3664
Hunter-Lab	85.8329, -2.2519, 9.3664

Details

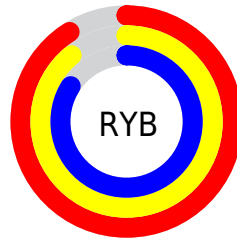
The XYZ color **71.1454, 73.6728, 73.4213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6616, 73.2824, 86.8708**, and the grayscale version is **70.4397, 74.1081, 80.7037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7123, 38.9712, 37.8823** is the 20% darker color. If you saturate the color by 10%, you get **65.0050, 65.7718, 57.8706**, and if you desaturate by 10%, it is **77.9947, 82.3158, 91.2884**.

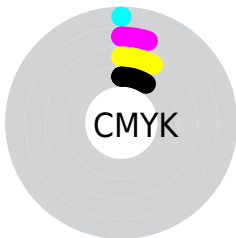
Distribution



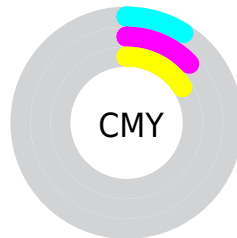
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (91%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1454, 73.6728, 73.4213 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 71.1454, 73.6728, 73.4213 by changing the saturation by 10% instead.

71.1454, 73.6728,
73.4213

71.1454, 73.6728,
73.4213

453.7655,
473.3433, 491.5835

52.7438, 54.5263,
53.8266

119.8581,
124.4319, 125.8016

37.8250, 39.0226,
38.0708

150.9000,
156.8132, 159.4242

26.0235, 26.7773,
25.7354

186.8860,
194.3749, 198.5600

16.9740, 17.4060,
16.4018

228.1815,
237.5015, 243.6273

10.3111, 10.5244,
9.6515

275.1518,
286.5772, 295.0448

5.6696, 5.7480,
5.0659

328.1624,

2.6840, 2.6925,

341.9864, 353.2310

2.2266

387.5785,
404.1137, 418.6044

■ 0.9889, 0.9734,
0.6896

■ 0.0000, 0.0000,
0.0000

■ 71.1454, 73.6728,
73.4213

■ 71.1454, 73.6728,
73.4213

■ 65.0050, 65.7718,
57.8706

■ 77.9947, 82.3158,
91.2884

■ 59.5431, 58.5828,
44.5357

■ 84.8530, 91.4239,
107.7821

■ 54.7357, 52.0878,
33.3153

■ 87.0891, 95.8960,
108.5274

■ 50.5551, 46.2643,
24.0987

■ 46.9714, 41.0884,
16.7647

■ 43.9519, 36.5346,
11.1788

■ 41.4598, 32.5754,
7.1885

■ 39.4531, 29.1801,
4.6143

■ 37.8753, 26.3116,
3.2030

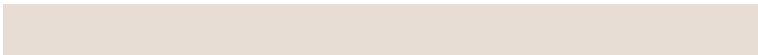
Harmonies

Analogous

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



72.2345, 73.6728, 75.8371



71.1454, 73.6728, 73.4213



69.7687, 73.6728, 72.8007

Triad

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



71.1454, 73.6728, 73.4213



67.3839, 73.6728, 80.9509



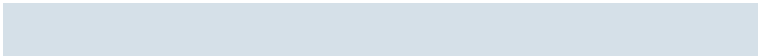
71.5935, 73.6728, 86.6475

Complementary

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



71.1454, 73.6728, 73.4213



68.6616, 73.2824, 86.8708

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.



70.2795, 73.6728, 88.1209



71.1454, 73.6728, 73.4213



67.8587, 73.6728, 84.7627

Square

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



71.1454, 73.6728, 73.4213



67.6088, 73.6728, 77.0642



68.9140, 73.6728, 87.4199



72.4956, 73.6728, 83.4550

Rectangle

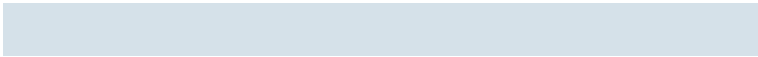
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1454, 73.6728, 73.4213



68.8756, 73.6728, 73.4702



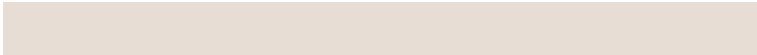
68.9140, 73.6728, 87.4199



71.1847, 73.6728, 87.3650

Sweetspot

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



71.1474, 73.6760, 73.4229



93.3053, 97.8071, 104.3212



70.5398, 70.1317, 80.4001



19.9895, 20.9578, 22.3770



0.0000, 0.0000, 0.0000



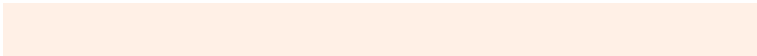
20.3446, 21.4041, 23.3091

Same Dimension

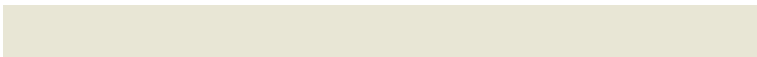
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1474, 73.6760, 73.4229



86.6843, 89.4082, 87.1840



73.7027, 78.7866, 74.2747



14.8735, 15.3609, 15.0855



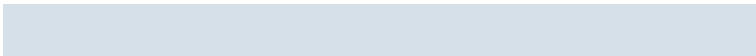
21.0045, 14.5832, 1.7078



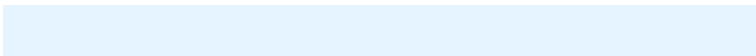
1.6424, 1.2581, 0.1563

Inverse Universe

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



68.6616, 73.2824, 86.8708



82.9511, 88.8168, 107.3791



66.2016, 68.3624, 86.0508



14.2721, 15.2656, 18.3387



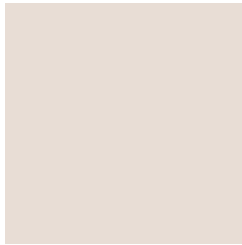
12.9666, 12.9953, 44.2081



1.0496, 1.1432, 3.2973

Previews

White Background



This preview shows how the XYZ color 71.1454, 73.6728, 73.4213 looks on a white background.

Color Contrast Check

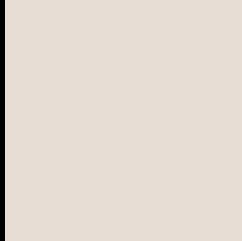
Large Text (above 18pt) WCAG AA × Fail

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 71.1454, 73.6728, 73.4213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

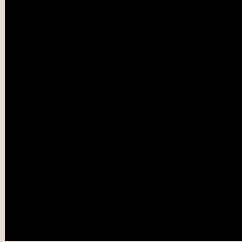
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

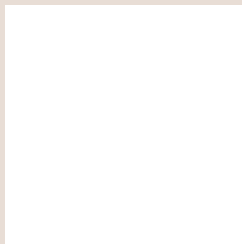
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1454, 73.6728, 73.4213

Background



This preview shows how black text looks on a background with the XYZ color 71.1454, 73.6728, 73.4213.

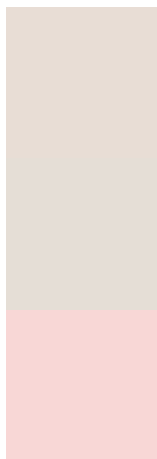


This preview shows how white text looks on a background with the XYZ color 71.1454, 73.6728,

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

71.1454, 73.6728, 73.4213

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

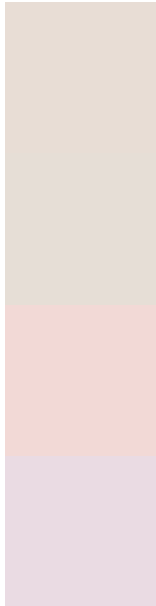
75.1494, 73.4124, 73.8275



Tritanopia

74.3277, 73.8031, 88.9252

Trichromacy



Original Color

71.1454, 73.6728, 73.4213

Protanomaly

70.8920, 73.9206, 74.1500

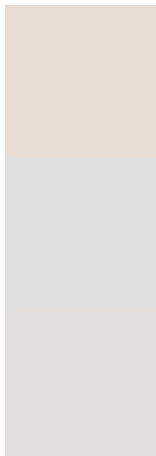
Deuteranomaly

73.5684, 73.3580, 73.9004

Tritanomaly

73.1283, 73.7015, 83.0446

Monochromacy



Original Color

71.1454, 73.6728, 73.4213

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2715, 73.5258, 77.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1454, 73.6728, 73.4213 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(232, 221, 213) looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 213)  
}
```

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(232, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.1454, 73.6728, 73.4213 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(232, 221, 213) }
```


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

```
.border{ border-color:rgb(232, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 221, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 221, 213); box-shadow:4px 4px 4px 4px rgb(232, 221, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1454, 73.6728, 73.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 213) }
```

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

```
.background{ background-color: rgb(232,  
221, 213) }
```

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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