

Converting Colors

XYZ(71.3561, 73.4460, 70.7377)

Have a look what the booklet for
XYZ(71.3561, 73.4460, 70.7377)
contains.

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Color

**XYZ(71.3628, 73.4520,
70.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDCD1
RGB	235, 220, 209
RGB Percent	92%, 86%, 82%
CMY	0.0784, 0.1372, 0.1804
CMYK	0.00, 0.06, 0.11, 0.08
HSL	25°, 39%, 87%
HSV	25°, 11%, 92%
XYZ	71.3628, 73.4520, 70.7380
YIQ	223.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

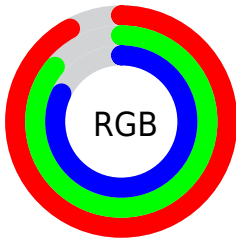
Format	Color
RYB	235, 228, 209
Decimal	15457489
CIELab	88.66, 3.31, 7.23
CIELCh	89, 7.957, 65.403
Yxy	73.4520, 0.3311, 0.3408
Android (android.graphics.Color)	4293647569 (0xFFEBDCD1)
YUV	223.2310, -7.0159, 10.3214
Hunter-Lab	85.7041, -1.3516, 11.0565

Details

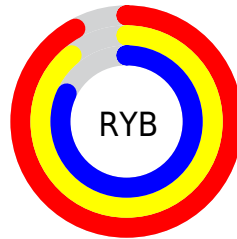
The XYZ color **71.3628, 73.4520, 70.7380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9454, 72.8635, 89.0811**, and the grayscale version is **70.3472, 74.0108, 80.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9619, 38.8605, 36.5104** is the 20% darker color. If you saturate the color by 10%, you get **65.2515, 65.5468, 55.3896**, and if you desaturate by 10%, it is **78.1958, 82.1123, 88.4460**.

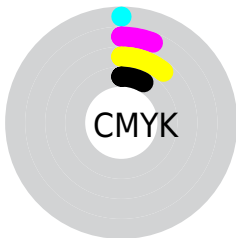
Distribution



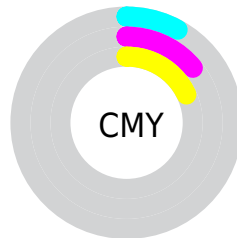
- Red (92%)
- Green (86%)
- Blue (82%)



- Red (92%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3628, 73.4520, 70.7380 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 71.3628, 73.4520, 70.7380 by changing the saturation by 10% instead.

71.3628, 73.4520,
70.7380

71.3628, 73.4520,
70.7380

454.5128,
472.5799, 481.9960

52.9219, 54.3456,
51.6479

120.1659,
124.1187, 121.9516

37.9677, 38.8781,
36.3442

151.2588,
156.4478, 154.9121

26.1347, 26.6649,
24.4083

187.2998,
193.9532, 193.3332

17.0576, 17.3217,
15.4218

228.6541,
237.0195, 237.6334

10.3712, 10.4641,
8.9661

275.6873,
286.0308, 288.2312

5.7099, 5.7078,
4.6225

328.7645,

2.7085, 2.6682,

341.3718, 345.5452

1.9727

388.2513,
403.4267, 409.9940

■ 1.0015, 0.9611,
0.5384

■ 0.0000, 0.0000,
0.0000

■ 71.3628, 73.4520,
70.7380

■ 71.3628, 73.4520,
70.7380

■ 65.2515, 65.5468,
55.3896

■ 78.1958, 82.1123,
88.4460

■ 59.8304, 58.3658,
42.2954

■ 85.6068, 91.4733,
107.7519

■ 55.0742, 51.8901,
31.3485

■ 88.0713, 96.4024,
108.5734

■ 50.9540, 46.0963,
22.4319

■ 47.4379, 40.9595,
15.4169

■ 44.4914, 36.4530,
10.1602

■ 42.0753, 32.5477,
6.4972

■ 40.1440, 29.2111,
4.2320

■ 38.7670, 26.6738,
3.1053

Harmonies

Analogous

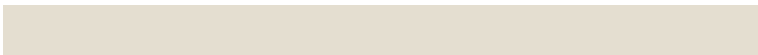
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8684, 73.4520, 74.0032



71.3628, 73.4520, 70.7380



69.4667, 73.4520, 69.9001

Triad

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



71.3628, 73.4520, 70.7380



66.2006, 73.4520, 80.9770



71.9759, 73.4520, 88.9135

Complementary

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



71.3628, 73.4520, 70.7380



67.9454, 72.8635, 89.0811

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.



70.1623, 73.4520, 90.9781



71.3628, 73.4520, 70.7380



66.8461, 73.4520, 86.2634

Square

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



71.3628, 73.4520, 70.7380



66.5087, 73.4520, 75.6536



68.2876, 73.4520, 89.9868



73.2268, 73.4520, 84.4615

Rectangle

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



71.3628, 73.4520, 70.7380



68.2412, 73.4520, 70.7959



68.2876, 73.4520, 89.9868



71.4106, 73.4520, 89.9188

Sweetspot

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



71.3648, 73.4552, 70.7396



92.4511, 96.7341, 102.0780



70.5395, 68.6550, 80.1744



19.6426, 20.5213, 21.4683



0.0000, 0.0000, 0.0000



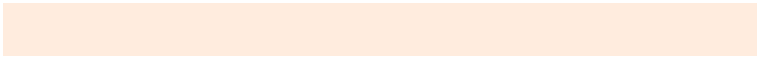
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3648, 73.4552, 70.7396



84.3657, 86.4479, 81.2414



74.8622, 80.4501, 71.9054



15.5895, 16.1020, 15.8051



21.6957, 15.0856, 1.7683



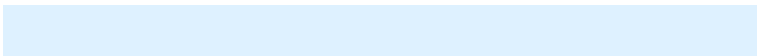
1.7971, 1.3714, 0.1700

Inverse Universe

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



67.9454, 72.8635, 89.0811



79.5746, 85.6185, 106.9397



64.6266, 66.2259, 87.9748



14.9527, 15.9918, 19.2209



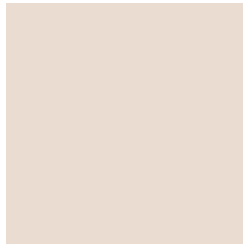
13.3386, 13.3242, 45.6118



1.1423, 1.2361, 3.6133

Previews

White Background



This preview shows how the XYZ color 71.3628, 73.4520, 70.7380 looks on a white background.

Color Contrast Check

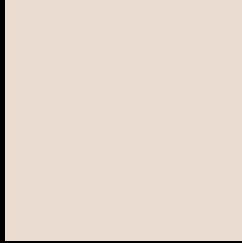
Large Text (above 18pt) WCAG AA × Fail

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 71.3628, 73.4520, 70.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

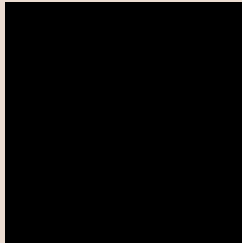
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

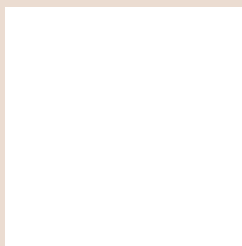
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3628, 73.4520, 70.7380

Background



This preview shows how black text looks on a background with the XYZ color 71.3628, 73.4520, 70.7380.



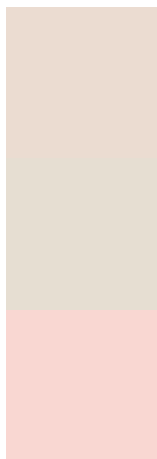
This preview shows how white text looks on a background with the XYZ color 71.3628, 73.4520,

70.7380.

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

71.3628, 73.4520, 70.7380

Protanopia

70.3873, 73.7187, 71.4921

Deuteranopia

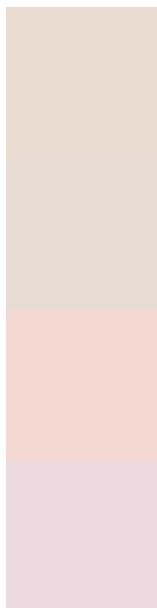
75.0002, 73.3938, 71.1862



Tritanopia

74.5237, 73.1721, 87.2866

Trichromacy



Original Color

71.3628, 73.4520, 70.7380

Protanomaly

70.7680, 73.5219, 71.4340

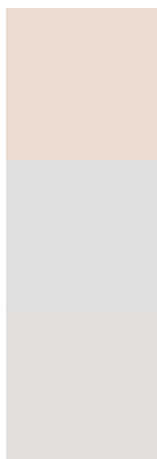
Deuteranomaly

73.7539, 73.5119, 71.2747

Tritanomaly

73.1925, 73.0121, 80.7561

Monochromacy



Original Color

71.3628, 73.4520, 70.7380

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4547, 73.6354, 76.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3628, 73.4520, 70.7380 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(235, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 209)  
}
```

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(235, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.3628, 73.4520, 70.7380 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(235, 220, 209) }
```


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

```
.border{ border-color:rgb(235, 220, 209) }
```

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

Here you see how a box with a 4 pixel rgb(235, 220, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3628, 73.4520, 70.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 209) }
```

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

```
.background{ background-color: rgb(235,  
220, 209) }
```

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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