

Converting Colors

XYZ(71.5513, 73.8246, 70.8079)

Have a look what the booklet for
XYZ(71.5513, 73.8246, 70.8079)
contains.

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Color

**XYZ(71.6260, 73.9785,
70.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDD1
RGB	235, 221, 209
RGB Percent	92%, 87%, 82%
CMY	0.0784, 0.1333, 0.1804
CMYK	0.00, 0.06, 0.11, 0.08
HSL	28°, 39%, 87%
HSV	28°, 11%, 92%
XYZ	71.6260, 73.9785, 70.8258
YIQ	223.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

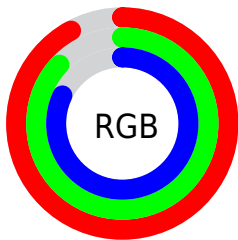
Format	Color
RYB	235, 231, 209
Decimal	15457745
CIELab	88.91, 2.79, 7.59
CIElCh	89, 8.091, 69.795
Yxy	73.9785, 0.3309, 0.3418
Android (android.graphics.Color)	4293647825 (0xFFEBDDD1)
YUV	223.8180, -7.3053, 9.8066
Hunter-Lab	86.0108, -1.8718, 11.3850

Details

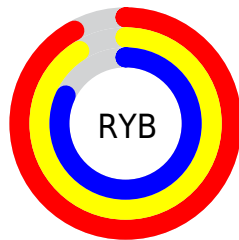
The XYZ color **71.6260, 73.9785, 70.8258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6773, 72.3275, 88.9916**, and the grayscale version is **70.7677, 74.4531, 81.0795**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1430, 39.2227, 36.5707** is the 20% darker color. If you saturate the color by 10%, you get **65.7140, 66.4717, 55.5439**, and if you desaturate by 10%, it is **78.2230, 82.1668, 88.4551**.

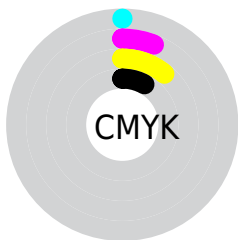
Distribution



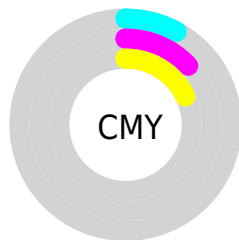
- Red (92%)
- Green (87%)
- Blue (82%)



- Red (92%)
- Yellow (91%)
- Blue (82%)



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



- Cyan (8%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6260, 73.9785, 70.8258 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 71.6260, 73.9785, 70.8258 by changing the saturation by 10% instead.

71.6260, 73.9785,
70.8258

71.6260, 73.9785,
70.8258

455.4167,
474.3992, 482.3115

53.1376, 54.7764,
51.7191

120.5383,
124.8653, 122.0778

38.1405, 39.2228,
36.4005

151.6930,
157.3189, 155.0601

26.2695, 26.9331,
24.4515

187.8004,
194.9584, 193.5048

17.1591, 17.5230,
15.4536

229.2259,
238.1683, 237.8303

10.4440, 10.6080,
8.9882

276.3350,
287.3329, 288.4552

5.7588, 5.8039,
4.6368

329.4929,

2.7383, 2.7262,

342.8366, 345.7980

1.9808

389.0650,
405.0639, 410.2772

■ 1.0169, 0.9905,
0.5434

■ 0.0000, 0.0000,
0.0000

■ 71.6260, 73.9785,
70.8258

■ 71.6260, 73.9785,
70.8258

■ 65.7140, 66.4717,
55.5439

■ 78.2230, 82.1668,
88.4551

■ 60.4566, 59.6183,
42.5042

■ 85.3600, 90.9799,
107.6697

■ 55.8301, 53.4019,
31.6005

■ 88.0713, 96.4023,
108.5734

■ 51.8068, 47.8020,
22.7162

■ 48.3565, 42.7969,
15.7232

■ 45.4463, 38.3629,
10.4785

■ 43.0386, 34.4745,
6.8184

■ 41.0898, 31.1028,
4.5473

■ 39.6769, 28.4935,
3.4086

Harmonies

Analogous

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



73.2543, 73.9785, 73.8278



71.6260, 73.9785, 70.8258



69.6742, 73.9785, 70.3609

Triad

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



71.6260, 73.9785, 70.8258



66.6603, 73.9785, 82.4029



72.7578, 73.9785, 89.1440

Complementary

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



71.6260, 73.9785, 70.8258



67.6773, 72.3275, 88.9916

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.



70.9584, 73.9785, 91.6781



71.6260, 73.9785, 70.8258



67.4541, 73.9785, 87.6683

Square

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



71.6260, 73.9785, 70.8258



66.8315, 73.9785, 76.8740



69.0188, 73.9785, 91.1259



73.9162, 73.9785, 84.3413

Rectangle

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



71.6260, 73.9785, 70.8258



68.4556, 73.9785, 71.5290



69.0188, 73.9785, 91.1259



72.2065, 73.9785, 90.2993

Sweetspot

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



71.6280, 73.9818, 70.8274



92.5429, 96.9177, 102.1086



70.4221, 68.6080, 79.5562



19.6674, 20.5708, 21.4765



0.0000, 0.0000, 0.0000



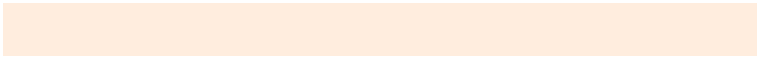
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6280, 73.9818, 70.8274



84.7340, 87.1844, 81.3642



75.1078, 80.9414, 71.9873



15.6386, 16.2002, 15.8214



22.2065, 16.1073, 1.9386



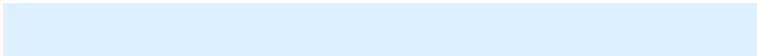
1.8390, 1.4554, 0.1840

Inverse Universe

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



67.6773, 72.3275, 88.9916



79.1985, 84.8663, 106.8144



64.4116, 65.7960, 87.9030



14.9028, 15.8921, 19.2043



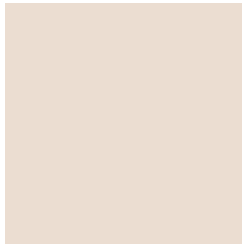
12.6628, 11.9725, 45.3865



1.0904, 1.1323, 3.5960

Previews

White Background



This preview shows how the XYZ color 71.6260, 73.9785, 70.8258 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 71.6260, 73.9785, 70.8258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

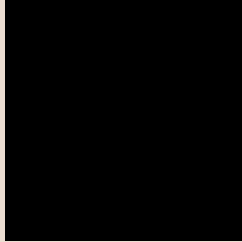
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6260, 73.9785, 70.8258

Background



This preview shows how black text looks on a background with the XYZ color 71.6260, 73.9785, 70.8258.



This preview shows how white text looks on a background with the XYZ color 71.6260, 73.9785,

70.8258.

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

71.6260, 73.9785, 70.8258

Protanopia

70.3873, 73.7187, 71.4921

Deuteranopia

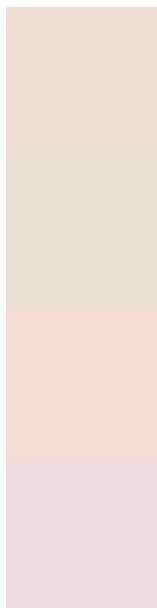
75.6131, 74.0889, 71.2881



Tritanopia

74.9240, 73.7434, 88.1269

Trichromacy



Original Color

71.6260, 73.9785, 70.8258

Protanomaly

71.0328, 74.0515, 71.5223

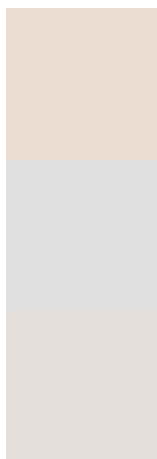
Deuteranomaly

74.3605, 74.2084, 71.3772

Tritanomaly

73.5871, 73.5836, 81.5588

Monochromacy



Original Color

71.6260, 73.9785, 70.8258

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1688, 74.3838, 77.6243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6260, 73.9785, 70.8258 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, 221, 209) looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 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, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.6260, 73.9785, 70.8258 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, 221, 209) }
```


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

```
.border{ border-color:rgb(235, 221, 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, 221, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6260, 73.9785, 70.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 209) }
```

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

```
.background{ background-color: rgb(235,  
221, 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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