

Converting Colors

XYZ(70.9883, 75.5769, 71.2107)

Have a look what the booklet for
XYZ(70.9883, 75.5769, 71.2107)
contains.

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Color

**XYZ(71.0181, 75.6542,
71.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2D1
RGB	229, 226, 209
RGB Percent	90%, 89%, 82%
CMY	0.1020, 0.1137, 0.1804
CMYK	0.00, 0.01, 0.09, 0.10
HSL	51°, 28%, 86%
HSV	51°, 9%, 90%
XYZ	71.0181, 75.6542, 71.1813
YIQ	224.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

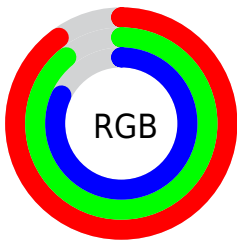
Format	Color
R _Y B	213, 229, 209
Decimal	15065809
CIE Lab	89.70, -1.89, 8.66
CIE LCh	90, 8.862, 102.282
Yxy	75.6542, 0.3260, 0.3473
Android (android.graphics.Color)	4293255889 (0xFFE5E2D1)
YUV	224.9590, -7.8678, 3.5440
Hunter-Lab	86.9794, -6.4700, 12.3645

Details

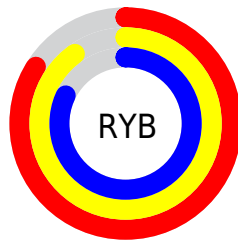
The XYZ color **71.0181, 75.6542, 71.1813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9808, 66.2983, 83.5542**, and the grayscale version is **71.5915, 75.3198, 82.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9349, 40.4910, 36.8265** is the 20% darker color. If you saturate the color by 10%, you get **67.4616, 72.7566, 56.9989**, and if you desaturate by 10%, it is **75.0050, 78.7588, 87.5196**.

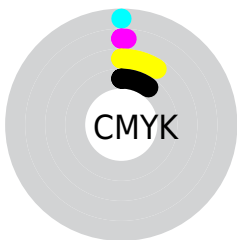
Distribution



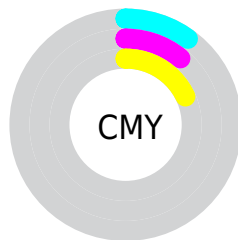
- Red (90%)
- Green (89%)
- Blue (82%)



- Red (84%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0181, 75.6542, 71.1813 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 71.0181, 75.6542, 71.1813 by changing the saturation by 10% instead.

■ 71.0181, 75.6542,
71.1813

■ 71.0181, 75.6542,
71.1813

453.3276,
480.1631, 483.5877

■ 52.6396, 56.1490,
52.0074

119.6779,
127.2380, 122.5887

■ 37.7414, 40.3224,
36.6287

150.6898,
160.0854, 155.6593

■ 25.9584, 27.7900,
24.6266

186.6436,
198.1489, 194.1992

■ 16.9250, 18.1674,
15.5826

227.9046,
241.8130, 238.6270

■ 10.2760, 11.0703,
9.0781

274.8381,
291.4621, 289.3612

■ 5.6460, 6.1141,
4.6947

327.8095,

■ 2.6697, 2.9146,

347.4806, 346.8204

2.0137

387.1842,
410.2528, 411.4230

■ 0.9816, 1.0873,
0.5637

■ 0.0000, 0.0000,
0.0000

■ 71.0181, 75.6542,
71.1813

■ 71.0181, 75.6542,
71.1813

■ 67.4616, 72.7566,
56.9989

■ 75.0050, 78.7588,
87.5196

■ 64.3120, 70.0489,
44.8763

■ 79.4324, 82.0671,
106.0947

■ 61.5525, 67.5268,
34.7174

■ 80.4440, 84.0394,
106.5891

■ 59.1630, 65.1821,
26.4168

■ 81.4427, 86.0368,
106.9220

■ 57.1215, 63.0057,
19.8587

■ 82.4605, 88.0723,
107.2613

■ 55.4036, 60.9877,
14.9146

■ 83.4975, 90.1463,
107.6069

■ 53.9812, 59.1167,
11.4383

■ 84.5537, 92.2588,
107.9590

■ 52.8214, 57.3794,
9.2570

■ 85.6294, 94.4101,
108.3176

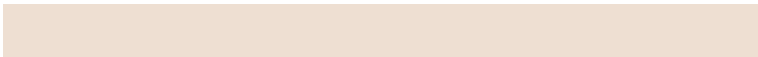
■ 51.8750, 55.7559,
8.1112

■ 86.1234, 95.3982,
108.4822

Harmonies

Analogous

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



73.1916, 75.6542, 71.4492



71.0181, 75.6542, 71.1813



69.1207, 75.6542, 73.7996

Triad

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



71.0181, 75.6542, 71.1813



68.8470, 75.6542, 90.7271



75.9787, 75.6542, 86.0862

Complementary

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



71.0181, 75.6542, 71.1813



63.9808, 66.2983, 83.5542

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.



74.7672, 75.6542, 91.5893



71.0181, 75.6542, 71.1813



70.6376, 75.6542, 94.3604

Square

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



71.0181, 75.6542, 71.1813



67.8844, 75.6542, 84.9575



72.8034, 75.6542, 94.6837



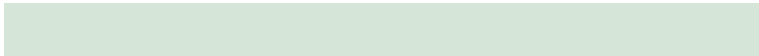
76.0856, 75.6542, 79.8445

Rectangle

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



71.0181, 75.6542, 71.1813



68.2560, 75.6542, 76.9105



72.8034, 75.6542, 94.6837



75.6860, 75.6542, 88.0914

Sweetspot

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



71.0202, 75.6575, 71.1829



93.4781, 98.7881, 102.4203



66.9982, 67.0135, 71.6922



19.9201, 21.0763, 21.5608



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.



71.0202, 75.6575, 71.1829



90.0064, 96.0524, 88.2914



69.6531, 76.1726, 71.3544



15.4080, 16.4300, 15.2637



29.6651, 31.9044, 4.5946



2.2423, 2.4580, 0.3562

Inverse Universe

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



63.9808, 66.2983, 83.5542



79.7523, 82.4192, 106.3128



65.2633, 65.8581, 83.4017



13.7562, 14.2338, 18.1667



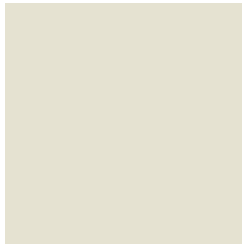
8.4721, 4.0063, 42.7099



0.6805, 0.4048, 3.1742

Previews

White Background



This preview shows how the XYZ color 71.0181, 75.6542, 71.1813 looks on a white background.

Color Contrast Check

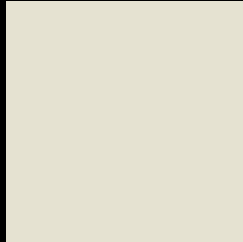
Large Text (above 18pt) WCAG AA × Fail

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 71.0181, 75.6542, 71.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

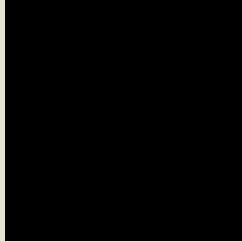
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

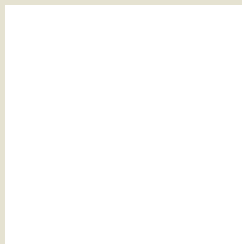
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0181, 75.6542, 71.1813

Background



This preview shows how black text looks on a background with the XYZ color 71.0181, 75.6542, 71.1813.

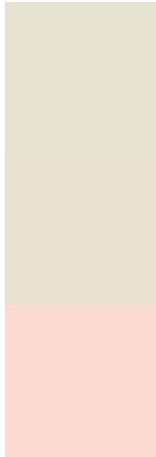


This preview shows how white text looks on a background with the XYZ color 71.0181, 75.6542,

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

71.0181, 75.6542, 71.1813

Protanopia

71.9147, 75.7281, 70.5012

Deuteranopia

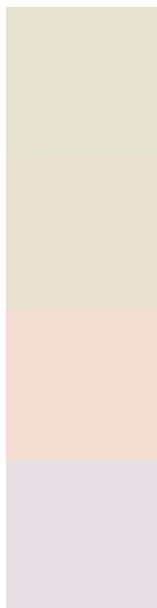
77.3373, 75.7286, 72.1690



Tritanopia

75.3055, 75.7982, 92.3228

Trichromacy



Original Color

71.0181, 75.6542, 71.1813

Protanomaly

71.5891, 75.5603, 70.4860

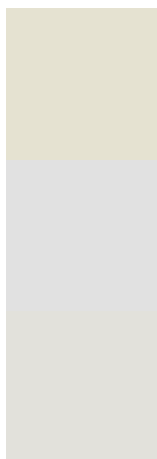
Deuteranomaly

74.7975, 75.5991, 71.6226

Tritanomaly

73.6700, 75.5326, 84.0952

Monochromacy



Original Color

71.0181, 75.6542, 71.1813

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.0754, 75.1337, 77.7740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0181, 75.6542, 71.1813 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(229, 226, 209) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 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(229, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.0181, 75.6542, 71.1813 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(229, 226, 209) }
```


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

```
.border{ border-color:rgb(229, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0181, 75.6542, 71.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 209) }
```

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

```
.background{ background-color: rgb(229,  
226, 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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