

Converting Colors

XYZ(67.5436, 71.5536, 67.3780)

Have a look what the booklet for
XYZ(67.5436, 71.5536, 67.3780)
contains.

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Color

**XYZ(67.5436, 71.5536,
67.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DCCC
RGB	225, 220, 204
RGB Percent	88%, 86%, 80%
CMY	0.1176, 0.1372, 0.2000
CMYK	0.00, 0.02, 0.09, 0.12
HSL	46°, 26%, 84%
HSV	46°, 9%, 88%
XYZ	67.5436, 71.5536, 67.3780
YIQ	219.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

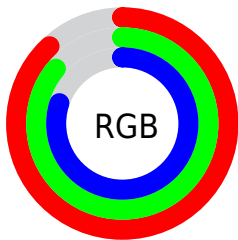
Format	Color
R_{YB}	211, 225, 204
Decimal	14802124
CIE Lab	87.75, -1.02, 8.45
CIE LCh	88, 8.515, 96.904
Yxy	71.5536, 0.3271, 0.3465
Android (android.graphics.Color)	4292992204 (0xFFE1DCCC)
YUV	219.6710, -7.7258, 4.6735
Hunter-Lab	84.5894, -5.5013, 11.9863

Details

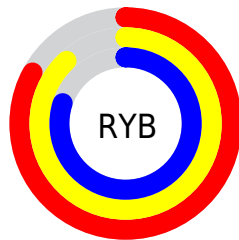
The XYZ color **67.5436, 71.5536, 67.3780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2927, 63.8733, 80.3331**, and the grayscale version is **67.8480, 71.3814, 77.7344**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5377, 37.6583, 34.2499** is the 20% darker color. If you saturate the color by 10%, you get **63.6559, 67.7890, 53.7159**, and if you desaturate by 10%, it is **71.8701, 75.5704, 83.1116**.

Distribution



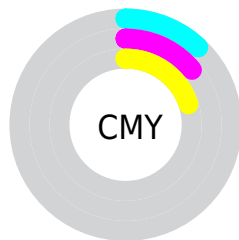
- Red (88%)
- Green (86%)
- Blue (80%)



- Red (83%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5436, 71.5536, 67.3780 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 67.5436, 71.5536, 67.3780 by changing the saturation by 10% instead.

67.5436, 71.5536,
67.3780

67.5436, 71.5536,
67.3780

441.2794,
465.9864, 469.8272

49.7988, 52.7941,
48.9284

114.7445,
121.4217, 117.1077

35.4707, 37.6384,
34.1974

144.9313,
153.2990, 149.2248

24.1939, 25.7022,
22.7667

179.9963,
190.3177, 186.7348

15.6030, 16.6010,
14.2177

220.3046,
232.8623, 230.0562

9.3328, 9.9504,
8.1317

266.2217,
281.3170, 279.6076

5.0177, 5.3661,
4.0904

318.1130,

2.2925, 2.4636,

336.0664, 335.8076

1.6751

376.3438,
397.4947, 399.0746

■ 0.7908, 0.8583,
0.3436

■ 0.0000, 0.0000,
0.0000

■ 67.5436, 71.5536,
67.3780

■ 67.5436, 71.5536,
67.3780

■ 63.6559, 67.7890,
53.7159

■ 71.8701, 75.5704,
83.1116

■ 60.1841, 64.2596,
42.0328

■ 76.6457, 79.8372,
100.9944

■ 57.1119, 60.9608,
32.2363

■ 79.1151, 83.2547,
106.5077

■ 54.4196, 57.8839,
24.2244

■ 80.6799, 86.3843,
107.0293

■ 52.0855, 55.0195,
17.8859

■ 82.2913, 89.6071,
107.5664

■ 50.0859, 52.3574,
13.0966

■ 83.9497, 92.9238,
108.1192

■ 48.3933, 49.8860,
9.7152

■ 84.8616, 94.7477,
108.4232

■ 46.9755, 47.5917,
7.5744

■ 45.7809, 45.4530,
6.4035

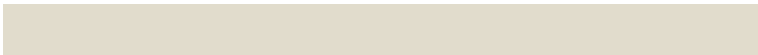
Harmonies

Analogous

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



69.5449, 71.5536, 68.1169



67.5436, 71.5536, 67.3780



65.7033, 71.5536, 69.3472

Triad

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



67.5436, 71.5536, 67.3780



64.9501, 71.5536, 84.7835



71.6461, 71.5536, 82.3561

Complementary

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



67.5436, 71.5536, 67.3780



61.2927, 63.8733, 80.3331

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.



70.3692, 71.5536, 87.1496



67.5436, 71.5536, 67.3780



66.4970, 71.5536, 88.5988

Square

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



67.5436, 71.5536, 67.3780



64.2252, 71.5536, 79.2549



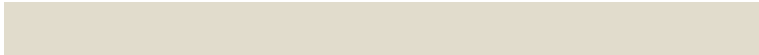
68.4776, 71.5536, 89.4854



71.9397, 71.5536, 76.5798

Rectangle

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



67.5436, 71.5536, 67.3780



64.8066, 71.5536, 71.9910



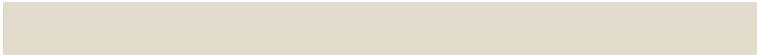
68.4776, 71.5536, 89.4854



71.3164, 71.5536, 84.1443

Sweetspot

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



67.5456, 71.5567, 67.3795



93.2648, 98.3614, 102.3492



64.1847, 63.8101, 69.4186



19.8623, 20.9608, 21.5415



0.0000, 0.0000, 0.0000



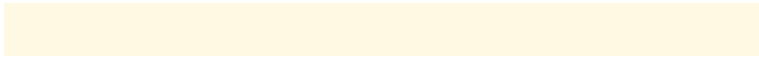
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5456, 71.5567, 67.3795



88.7664, 94.1396, 86.1291



67.2647, 73.3875, 67.7477



14.5810, 15.4480, 14.5200



26.4314, 26.3007, 3.6835



1.8995, 1.9578, 0.2778

Inverse Universe

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



61.2927, 63.8733, 80.3331



79.0283, 82.1737, 106.3036



61.5497, 62.2148, 79.9995



13.2154, 13.7700, 17.3490



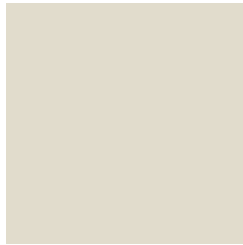
8.6544, 4.7783, 41.5145



0.6686, 0.4687, 2.9005

Previews

White Background



This preview shows how the XYZ color 67.5436, 71.5536, 67.3780 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 67.5436, 71.5536, 67.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

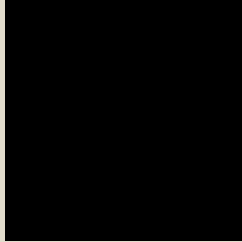
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

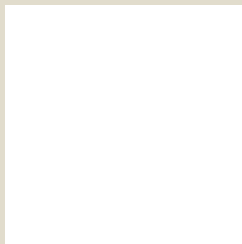
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5436, 71.5536, 67.3780

Background



This preview shows how black text looks on a background with the XYZ color 67.5436, 71.5536, 67.3780.

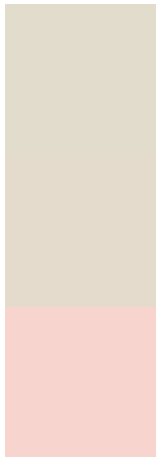


This preview shows how white text looks on a background with the XYZ color 67.5436, 71.5536,

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

67.5436, 71.5536, 67.3780

Protanopia

68.2255, 71.5166, 67.3350

Deuteranopia

73.0418, 71.3174, 68.3084



Tritanopia

71.5769, 71.6529, 87.1487

Trichromacy



Original Color

67.5436, 71.5536, 67.3780

Protanomaly

67.9092, 71.3536, 67.3202

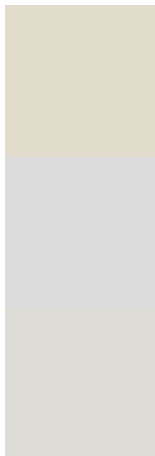
Deuteranomaly

70.9165, 71.3594, 67.7936

Tritanomaly

69.9926, 71.3936, 79.1986

Monochromacy



Original Color

67.5436, 71.5536, 67.3780

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8550, 71.5710, 73.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5436, 71.5536, 67.3780 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(225, 220, 204) looks like.

```
.text, #text, p{  
    color:rgb(225, 220, 204)  
}
```

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(225, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 220, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.5436, 71.5536, 67.3780 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(225, 220, 204) }
```


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

```
.border{ border-color:rgb(225, 220, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 220, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 220,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5436, 71.5536, 67.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 220, 204) }
```

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

```
.background{ background-color: rgb(225,  
220, 204) }
```

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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