

Converting Colors

XYZ(73.5004, 76.3196, 67.1533)

Have a look what the booklet for
XYZ(73.5004, 76.3196, 67.1533)
contains.

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Color

**XYZ(73.3703, 76.1484,
67.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0CB
RGB	240, 224, 203
RGB Percent	94%, 88%, 80%
CMY	0.0588, 0.1215, 0.2039
CMYK	0.00, 0.07, 0.15, 0.06
HSL	34°, 55%, 87%
HSV	34°, 15%, 94%
XYZ	73.3703, 76.1484, 67.3310
YIQ	226.3900, 16.2770, -3.1390

Conversions

Conversions Part 2

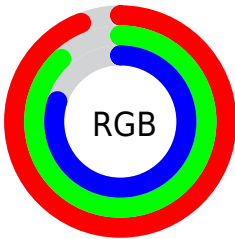
Format	Color
R_{YB}	231, 240, 203
Decimal	15786187
CIE _{Lab}	89.93, 2.08, 12.24
CIE _{LCh}	90, 12.419, 80.359
Yxy	76.1484, 0.3383, 0.3512
Android (android.graphics.Color)	4293976267 (0xFFFF0E0CB)
YUV	226.3900, -11.5313, 11.9360
Hunter-Lab	87.2631, -2.6285, 15.3368

Details

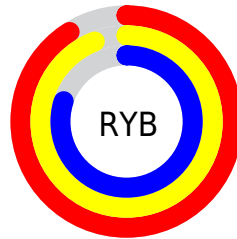
The XYZ color **73.3703, 76.1484, 67.3310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6879, 69.6492, 92.4201**, and the grayscale version is **72.6454, 76.4286, 83.2307**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3799, 40.7362, 34.2211** is the 20% darker color. If you saturate the color by 10%, you get **68.0255, 69.6866, 52.5142**, and if you desaturate by 10%, it is **79.3322, 83.1345, 84.5396**.

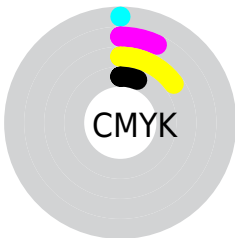
Distribution



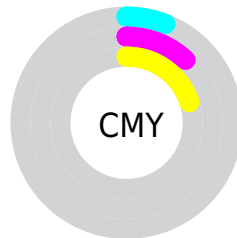
- Red (94%)
- Green (88%)
- Blue (80%)



- Red (91%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3703, 76.1484, 67.3310 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 73.3703, 76.1484, 67.3310 by changing the saturation by 10% instead.


 73.3703, 76.1484,
67.3310

 73.3703, 76.1484,
67.3310


461.3812,
481.8555, 469.6556

 54.5683, 56.5542,
48.8904


123.0031,
127.9367, 117.0397

 39.2886, 40.6474,
34.1675


154.5645,
160.8995, 149.1449

 27.1661, 28.0437,
22.7439


191.1098,
199.0874, 186.6420

 17.8352, 18.3586,
14.2010

233.0042,
242.8846, 229.9496

 10.9307, 11.2078,
8.1203

280.6132,
292.6757, 279.4862

 6.0872, 6.2067,
4.0831

334.3022,

 2.9394, 2.9712,

348.8449, 335.6704

1.6711

394.4363,
411.7767, 398.9207

■ 1.1218, 1.1167,
0.3408

■ 0.0432, 0.0000,
0.0000

■ 73.3703, 76.1484,
67.3310

■ 73.3703, 76.1484,
67.3310

■ 68.0255, 69.6866,
52.5142

■ 79.3322, 83.1345,
84.5396

■ 63.2683, 63.7246,
39.9765

■ 85.9271, 90.6481,
104.2363

■ 59.0757, 58.2511,
29.6032

■ 89.7454, 97.2654,
108.6517

■ 55.4209, 53.2501,
21.2676

■ 52.2740, 48.7044,
14.8296

■ 49.6020, 44.5954,
10.1313

■ 47.3665, 40.9022,
6.9886

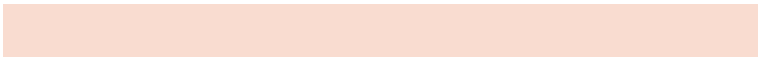
■ 45.5213, 37.6005,
5.1750

■ 44.7746, 36.2037,
4.6281

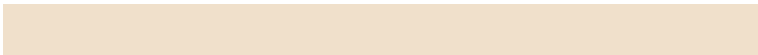
Harmonies

Analogous

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



76.2102, 76.1484, 70.5584



73.3703, 76.1484, 67.3310



70.3415, 76.1484, 68.0453

Triad

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



73.3703, 76.1484, 67.3310



66.9800, 76.1484, 88.9372



77.0204, 76.1484, 94.1777

Complementary

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



73.3703, 76.1484, 67.3310



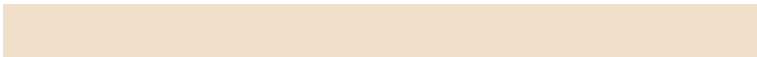
65.6879, 69.6492, 92.4201

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.



74.4509, 76.1484, 99.8018



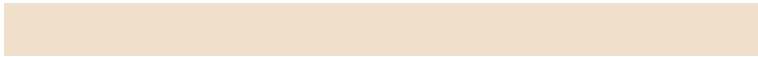
73.3703, 76.1484, 67.3310



68.6741, 76.1484, 96.6308

Square

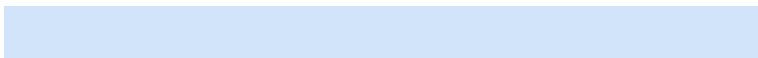
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3703, 76.1484, 67.3310



66.7092, 76.1484, 80.1123



71.3922, 76.1484, 100.7299



78.3565, 76.1484, 85.7775

Rectangle

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



73.3703, 76.1484, 67.3310



68.6194, 76.1484, 70.6809



71.3922, 76.1484, 100.7299



76.2689, 76.1484, 96.4799

Sweetspot

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



73.3724, 76.1518, 67.3326



91.3314, 95.7394, 97.8673



70.0825, 66.3544, 76.1556



19.4400, 20.3666, 20.6282



0.0000, 0.0000, 0.0000



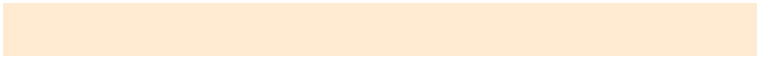
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3724, 76.1518, 67.3326



82.5144, 85.3752, 72.5166



77.0436, 84.7290, 68.7947



16.5176, 17.2483, 16.6084



24.6449, 20.0879, 2.5784



2.1489, 1.8685, 0.2474

Inverse Universe

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



65.6879, 69.6492, 92.4201



72.3762, 76.7968, 105.6164



62.3908, 62.0498, 91.1270



15.4593, 16.3527, 20.0632



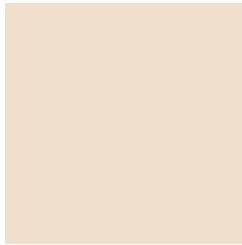
11.4326, 9.0895, 46.2798



1.0481, 0.9502, 3.8824

Previews

White Background



This preview shows how the XYZ color 73.3703, 76.1484, 67.3310 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 73.3703, 76.1484, 67.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

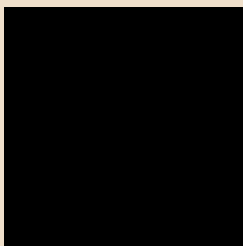
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3703, 76.1484, 67.3310

Background



This preview shows how black text looks on a background with the XYZ color 73.3703, 76.1484, 67.3310.



This preview shows how white text looks on a background with the XYZ color 73.3703, 76.1484,

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

73.3703, 76.1484, 67.3310

Protanopia

72.0852, 75.8722, 67.9722

Deuteranopia

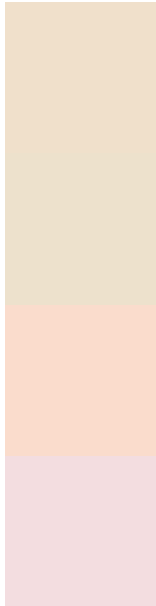
77.3308, 75.8106, 68.3147



Tritanopia

77.7801, 75.9523, 89.9177

Trichromacy



Original Color

73.3703, 76.1484, 67.3310

Protanomaly

72.7493, 76.2146, 68.0033

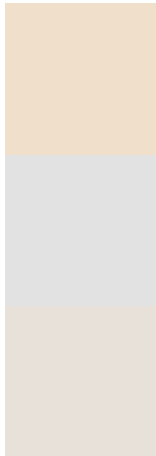
Deuteranomaly

75.9166, 75.8700, 67.7699

Tritanomaly

76.2731, 76.1494, 81.1993

Monochromacy



Original Color

73.3703, 76.1484, 67.3310

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5351, 75.9013, 77.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3703, 76.1484, 67.3310 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(240, 224, 203) looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 203)  
}
```

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(240, 224, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 203) }
```

Border

The CSS property to change the border of an element to XYZ 73.3703, 76.1484, 67.3310 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(240, 224, 203) }
```


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

```
.border{ border-color:rgb(240, 224, 203) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3703, 76.1484, 67.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 203) }
```

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

```
.background{ background-color: rgb(240,  
224, 203) }
```

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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