

Converting Colors

XYZ(73.8413, 76.8175, 73.8871)

Have a look what the booklet for
XYZ(73.8413, 76.8175, 73.8871)
contains.

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Color

**XYZ(73.8605, 76.6590,
73.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1D5
RGB	237, 225, 213
RGB Percent	93%, 88%, 84%
CMY	0.0706, 0.1176, 0.1647
CMYK	0.00, 0.05, 0.10, 0.07
HSL	30°, 40%, 88%
HSV	30°, 10%, 93%
XYZ	73.8605, 76.6590, 73.8546
YIQ	227.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

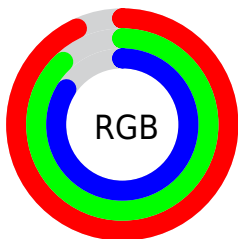
Format	Color
R _Y B	237, 237, 213
Decimal	15589845
CIE Lab	90.16, 2.08, 7.32
CIE LCh	90, 7.606, 74.124
Yxy	76.6590, 0.3292, 0.3417
Android (android.graphics.Color)	4293779925 (0xFFEDE1D5)
YUV	227.2200, -7.0105, 8.5771
Hunter-Lab	87.5551, -2.6409, 11.2762

Details

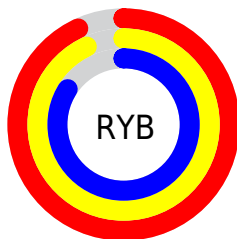
The XYZ color **73.8605, 76.6590, 73.8546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6517, 74.1098, 90.7552**, and the grayscale version is **73.2193, 77.0324, 83.8883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6023, 41.0418, 38.1823** is the 20% darker color. If you saturate the color by 10%, you get **67.9780, 69.3609, 58.1211**, and if you desaturate by 10%, it is **80.4091, 84.5841, 91.9809**.

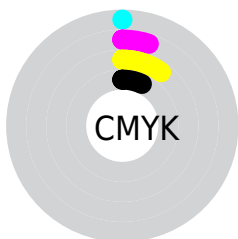
Distribution



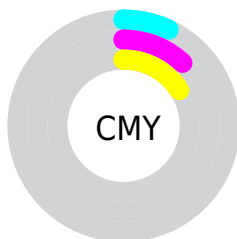
- Red (93%)
- Green (88%)
- Blue (84%)



- Red (93%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8605, 76.6590, 73.8546 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 73.8605, 76.6590, 73.8546 by changing the saturation by 10% instead.


 73.8605, 76.6590,
73.8546

 73.8605, 76.6590,
73.8546


463.0495,
483.6006, 493.1214

 54.9707, 56.9730,
54.1790


123.6946,
128.6580, 126.4218

 39.6121, 40.9836,
38.3506


155.3697,
161.7399, 160.1505

 27.4191, 28.3063,
25.9510


192.0372,
200.0558, 199.4006

 18.0264, 18.5567,
16.5615

234.0626,
243.9902, 244.5906

 11.0688, 11.3504,
9.7637

281.8111,
293.9275, 296.1392

 6.1807, 6.3030,
5.1390

335.6482,

 2.9970, 3.0302,

350.2521, 354.4648

2.2689

395.9392,
413.3483, 419.9860

■ 1.1522, 1.1475,
0.7137

■ 0.0681, 0.0182,
0.0000

■ 73.8605, 76.6590,
73.8546

■ 73.8605, 76.6590,
73.8546

■ 67.9780, 69.3609,
58.1211

■ 80.4091, 84.5841,
91.9809

■ 62.7317, 62.6631,
44.6739

■ 86.7576, 92.7891,
107.9452

■ 58.0989, 56.5516,
33.4058

■ 88.7354, 96.7447,
108.6045

■ 54.0527, 51.0081,
24.1990

■ 50.5640, 46.0131,
16.9244

■ 47.6005, 41.5453,
11.4380

■ 45.1261, 37.5819,
7.5756

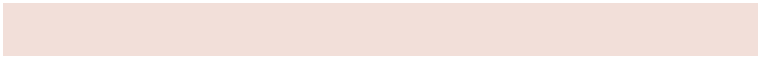
■ 43.0985, 34.0970,
5.1417

■ 41.4679, 31.0897,
3.8153

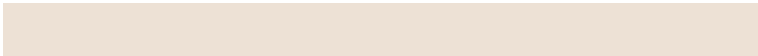
Harmonies

Analogous

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



75.5014, 76.6590, 76.4316



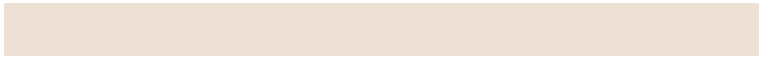
73.8605, 76.6590, 73.8546



71.9790, 76.6590, 73.7788

Triad

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



73.8605, 76.6590, 73.8546



69.3951, 76.6590, 86.0337



75.4211, 76.6590, 91.1631

Complementary

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



73.8605, 76.6590, 73.8546



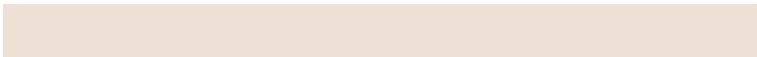
69.6517, 74.1098, 90.7552

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.



73.7523, 76.6590, 93.9718



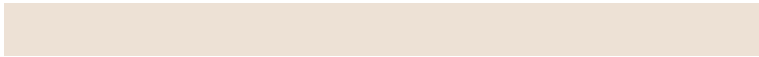
73.8605, 76.6590, 73.8546



70.2850, 76.6590, 90.9248

Square

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



73.8605, 76.6590, 73.8546



69.4229, 76.6590, 80.6544



71.8727, 76.6590, 93.8827



76.4130, 76.6590, 86.3475

Rectangle

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



73.8605, 76.6590, 73.8546



70.8427, 76.6590, 75.1476



71.8727, 76.6590, 93.8827



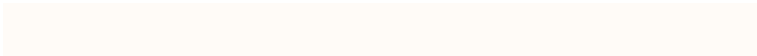
74.9194, 76.6590, 92.3823

Sweetspot

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



73.8626, 76.6624, 73.8562



92.6349, 97.1016, 102.1392



72.3109, 71.0304, 81.1342



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



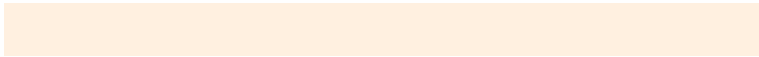
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8626, 76.6624, 73.8562



85.8223, 88.8104, 83.4246



77.2204, 83.3779, 74.9755



15.6880, 16.2989, 15.8379



22.7711, 17.2365, 2.1268



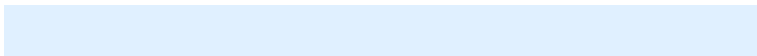
1.8843, 1.5459, 0.1991

Inverse Universe

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



69.6517, 74.1098, 90.7552



79.9848, 85.2718, 106.8512



66.5220, 67.8502, 89.7119



14.8532, 15.7929, 19.1877



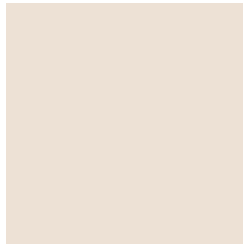
12.0435, 10.7340, 45.1801



1.0419, 1.0353, 3.5798

Previews

White Background



This preview shows how the XYZ color 73.8605, 76.6590, 73.8546 looks on a white background.

Color Contrast Check

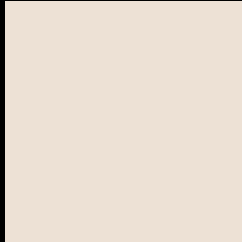
Large Text (above 18pt) WCAG AA × Fail

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 73.8605, 76.6590, 73.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

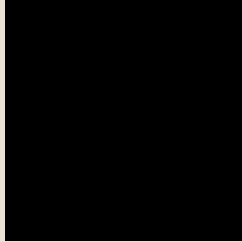
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

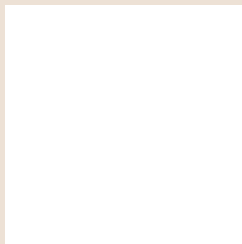
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8605, 76.6590, 73.8546

Background



This preview shows how black text looks on a background with the XYZ color 73.8605, 76.6590, 73.8546.



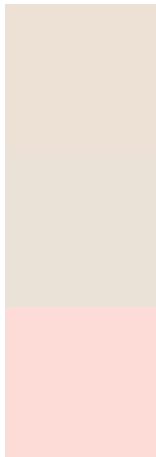
This preview shows how white text looks on a background with the XYZ color 73.8605, 76.6590,

73.8546.

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

73.8605, 76.6590, 73.8546

Protanopia

73.2656, 76.7402, 74.5692

Deuteranopia

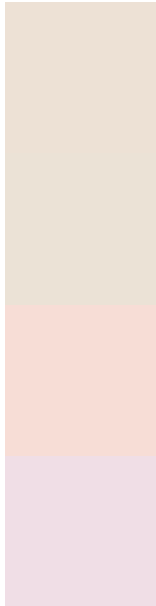
77.9771, 76.4007, 74.2553



Tritanopia

77.7121, 76.6457, 92.3596

Trichromacy



Original Color

73.8605, 76.6590, 73.8546

Protanomaly

73.5949, 76.9099, 74.5846

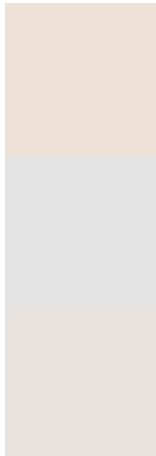
Deuteranomaly

76.3518, 76.3421, 74.3297

Tritanomaly

76.3394, 76.4810, 85.6017

Monochromacy



Original Color

73.8605, 76.6590, 73.8546

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3362, 76.6556, 80.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8605, 76.6590, 73.8546 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(237, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 213)  
}
```

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(237, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.8605, 76.6590, 73.8546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

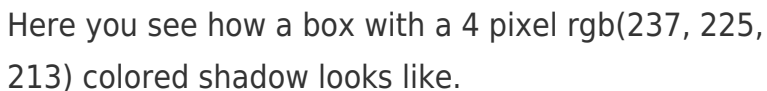
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 225, 213) }
```


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

```
.border{ border-color:rgb(237, 225, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 225, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 225, 213); box-shadow:4px 4px 4px 4px rgb(237, 225, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8605, 76.6590, 73.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 213) }
```

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

```
.background{ background-color: rgb(237,  
225, 213) }
```

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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