

Converting Colors

XYZ(73.7853, 76.7711, 72.2892)

Have a look what the booklet for
XYZ(73.7853, 76.7711, 72.2892)
contains.

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Color

**XYZ(73.6081, 76.5581,
72.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1D3
RGB	237, 225, 211
RGB Percent	93%, 88%, 83%
CMY	0.0706, 0.1176, 0.1725
CMYK	0.00, 0.05, 0.11, 0.07
HSL	32°, 42%, 88%
HSV	32°, 11%, 93%
XYZ	73.6081, 76.5581, 72.5256
YIQ	226.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

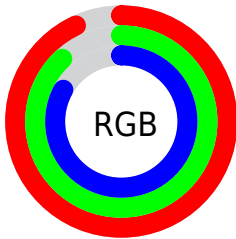
Format	Color
RYB	233, 237, 211
Decimal	15589843
CIELab	90.12, 1.76, 8.30
CIElCh	90, 8.480, 78.040
Yxy	76.5581, 0.3305, 0.3438
Android (android.graphics.Color)	4293779923 (0xFFEDE1D3)
YUV	226.9920, -7.8841, 8.7770
Hunter-Lab	87.4975, -2.9558, 12.1035

Details

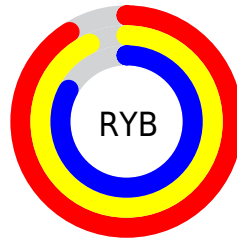
The XYZ color **73.6081, 76.5581, 72.5256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5374, 72.7372, 90.5488**, and the grayscale version is **73.0592, 76.8640, 83.7049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5166, 41.0075, 37.7308** is the 20% darker color. If you saturate the color by 10%, you get **67.9920, 69.7348, 57.0597**, and if you desaturate by 10%, it is **79.8559, 83.9420, 90.3651**.

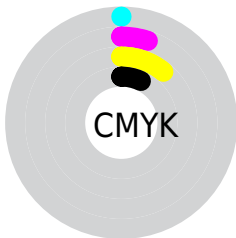
Distribution



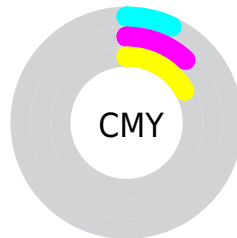
- Red (93%)
- Green (88%)
- Blue (83%)



- Red (91%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6081, 76.5581, 72.5256 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 73.6081, 76.5581, 72.5256 by changing the saturation by 10% instead.

73.6081, 76.5581,
72.5256

73.6081, 76.5581,
72.5256

462.1909,
483.2560, 488.3956

54.7635, 56.8903,
53.0987

123.3386,
128.5155, 124.5182

39.4455, 40.9171,
37.4933

154.9552,
161.5739, 157.9209

27.2887, 28.2543,
25.2909

191.5598,
199.8645, 196.8193

17.9279, 18.5175,
16.0729

233.5178,
243.7719, 241.6320

10.9976, 11.3221,
9.4208

281.1946,
293.6803, 292.7774

6.1325, 6.2839,
4.9161

334.9555,

2.9673, 3.0185,

349.9742, 350.6741

2.1403

395.1658,
413.0380, 415.7406

■ 1.1365, 1.1414,
0.6396

■ 0.0553, 0.0130,
0.0000

■ 73.6081, 76.5581,
72.5256

■ 73.6081, 76.5581,
72.5256

■ 67.9920, 69.7348,
57.0597

■ 79.8559, 83.9420,
90.3651

■ 62.9786, 63.4473,
43.8608

■ 86.1977, 91.6694,
107.7586

■ 58.5459, 57.6836,
32.8212

■ 88.7353, 96.7447,
108.6045

■ 54.6680, 52.4274,
23.8226

■ 51.3166, 47.6611,
16.7353

■ 48.4604, 43.3659,
11.4142

■ 46.0640, 39.5211,
7.6933

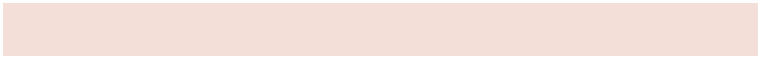
■ 44.0858, 36.1031,
5.3741

■ 42.5999, 33.3539,
4.1927

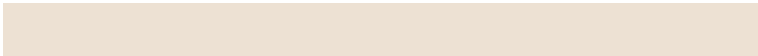
Harmonies

Analogous

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



75.5059, 76.5581, 75.0331



73.6081, 76.5581, 72.5256



71.5200, 76.5581, 72.8160

Triad

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



73.6081, 76.5581, 72.5256



68.9853, 76.5581, 87.0002



75.8175, 76.5581, 91.3514

Complementary

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



73.6081, 76.5581, 72.5256



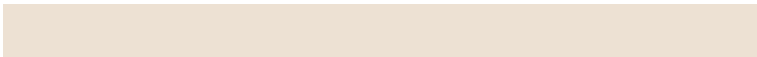
68.5374, 72.7372, 90.5488

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.



74.0268, 76.5581, 94.8730



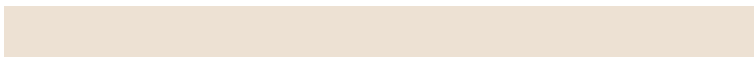
73.6081, 76.5581, 72.5256



70.0935, 76.5581, 92.2786

Square

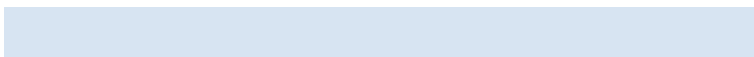
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6081, 76.5581, 72.5256



68.8781, 76.5581, 80.9798



71.9307, 76.5581, 95.2203



76.7979, 76.5581, 85.7839

Rectangle

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



73.6081, 76.5581, 72.5256



70.3006, 76.5581, 74.5590



71.9307, 76.5581, 95.2203



75.2888, 76.5581, 92.8250

Sweetspot

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



73.6102, 76.5615, 72.5272



92.7270, 97.2858, 102.1699



71.5575, 69.9290, 79.6334



19.7170, 20.6701, 21.4931



0.0000, 0.0000, 0.0000



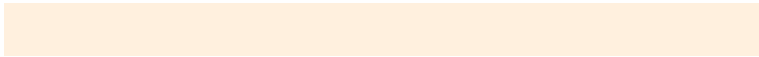
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6102, 76.5615, 72.5272



85.4783, 88.6730, 81.6123



76.6792, 83.1280, 73.6329



15.7375, 16.3981, 15.8544



23.3907, 18.4757, 2.3333



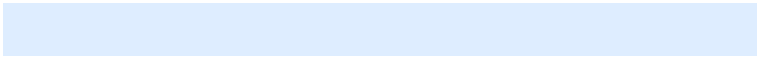
1.9328, 1.6430, 0.2153

Inverse Universe

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



68.5374, 72.7372, 90.5488



78.4542, 83.3778, 106.5663



65.6943, 66.6813, 89.5298



14.8039, 15.6942, 19.1713



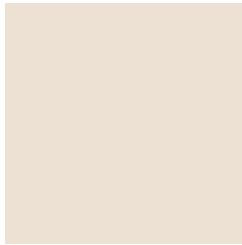
11.4796, 9.6061, 44.9921



0.9967, 0.9449, 3.5647

Previews

White Background



This preview shows how the XYZ color 73.6081, 76.5581, 72.5256 looks on a white background.

Color Contrast Check

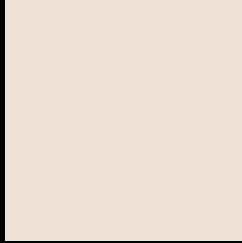
Large Text (above 18pt) WCAG AA × Fail

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 73.6081, 76.5581, 72.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

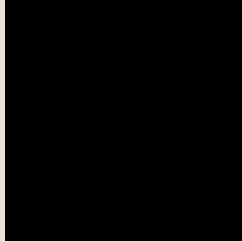
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6081, 76.5581, 72.5256

Background



This preview shows how black text looks on a background with the XYZ color 73.6081, 76.5581, 72.5256.



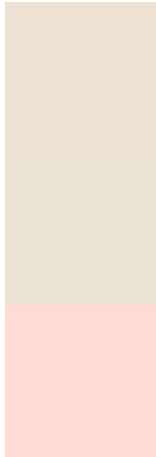
This preview shows how white text looks on a background with the XYZ color 73.6081, 76.5581,

72.5256.

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

73.6081, 76.5581, 72.5256

Protanopia

72.8859, 76.5883, 72.5695

Deuteranopia

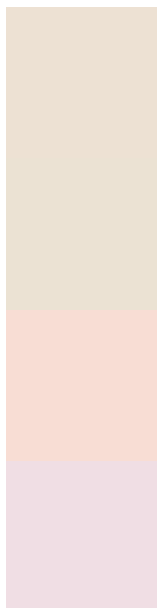
78.0882, 76.4873, 72.9352



Tritanopia

77.5647, 76.5867, 91.5835

Trichromacy



Original Color

73.6081, 76.5581, 72.5256

Protanomaly

73.2152, 76.7580, 72.5849

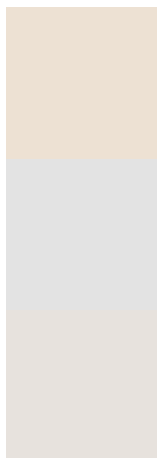
Deuteranomaly

76.4515, 76.4228, 73.0090

Tritanomaly

76.0600, 76.3693, 84.1307

Monochromacy



Original Color

73.6081, 76.5581, 72.5256

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2025, 76.6021, 79.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6081, 76.5581, 72.5256 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.6081, 76.5581, 72.5256 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, 211) }
```


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

```
.border{ border-color:rgb(237, 225, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6081, 76.5581, 72.5256 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, 211) }
```

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

```
.background{ background-color: rgb(237,  
225, 211) }
```

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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