

Converting Colors

XYZ(73.7453, 76.3854, 83.5301)

Have a look what the booklet for
XYZ(73.7453, 76.3854, 83.5301)
contains.

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Color

**XYZ(73.7453, 76.3854,
83.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1E3
RGB	231, 225, 227
RGB Percent	91%, 88%, 89%
CMY	0.0941, 0.1176, 0.1098
CMYK	0.00, 0.03, 0.02, 0.09
HSL	340°, 11%, 89%
HSV	340°, 3%, 91%
XYZ	73.7453, 76.3854, 83.5301
YIQ	227.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

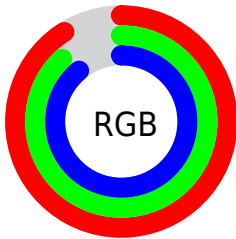
Format	Color
R_{YB}	231, 225, 227
Decimal	15196643
CIE Lab	90.04, 2.39, -0.26
CIE LCh	90, 2.401, 353.713
Yxy	76.3854, 0.3156, 0.3269
Android (android.graphics.Color)	4293386723 (0xFFE7E1E3)
YUV	227.0220, -0.0108, 3.4887
Hunter-Lab	87.3987, -2.3331, 4.5135

Details

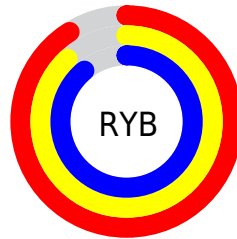
The XYZ color **73.7453, 76.3854, 83.5301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7729, 78.8184, 85.4578**, and the grayscale version is **73.0301, 76.8333, 83.6715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5003, 40.8420, 44.8311** is the 20% darker color. If you saturate the color by 10%, you get **65.8859, 63.9187, 70.8826**, and if you desaturate by 10%, it is **82.6442, 90.6245, 97.4653**.

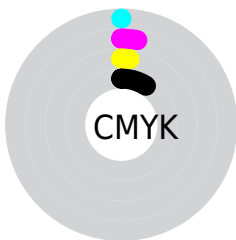
Distribution



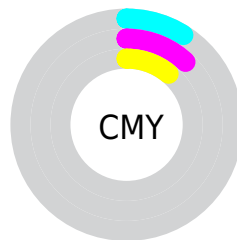
- Red (91%)
- Green (88%)
- Blue (89%)



- Red (91%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7453, 76.3854, 83.5301 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 73.7453, 76.3854, 83.5301 by changing the saturation by 10% instead.

■ 73.7453, 76.3854,
83.5301

■ 73.7453, 76.3854,
83.5301

462.6577,
482.6660, 526.7687

■ 54.8761, 56.7486,
62.0844

123.5321,
128.2715, 140.1735

■ 39.5360, 40.8034,
44.6647

155.1805,
161.2897, 176.2083

■ 27.3596, 28.1655,
30.8524

191.8193,
199.5370, 217.9433

■ 17.9814, 18.4505,
20.2289

233.8140,
243.3980, 265.7969

■ 11.0363, 11.2739,
12.3758

281.5298,
293.2570, 320.1877

■ 6.1587, 6.2514,
6.8745

335.3321,

■ 2.9834, 2.9985,

349.4984, 381.5342

3.3065

395.5863,
412.5066, 450.2551

■ 1.1450, 1.1310,
1.2532

■ 0.0623, 0.0042,
0.0230

■ 73.7453, 76.3854,
83.5301

■ 73.7453, 76.3854,
83.5301

■ 65.8859, 63.9187,
70.8826

■ 82.6442, 90.6245,
97.4653

■ 59.0210, 53.1451,
59.4803

■ 86.7654, 95.7291,
108.5123

■ 53.1115, 43.9941,
49.2858

■ 48.1135, 36.3860,
40.2575

■ 43.9792, 30.2349,
32.3518

■ 40.6566, 25.4459,
25.5216

■ 38.0875, 21.9131,
19.7165

■ 36.2057, 19.5144,
14.8812

■ 34.9319, 18.1030,
10.9535

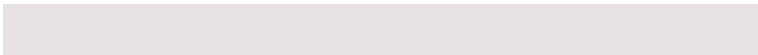
Harmonies

Analogous

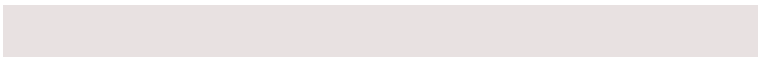
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5282, 76.3854, 85.1252



73.7453, 76.3854, 83.5301



73.6547, 76.3854, 81.8599

Triad

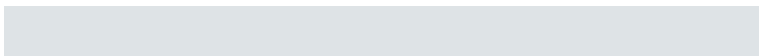
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7453, 76.3854, 83.5301



72.1429, 76.3854, 80.2064



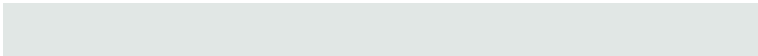
71.9270, 76.3854, 85.8402

Complementary

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



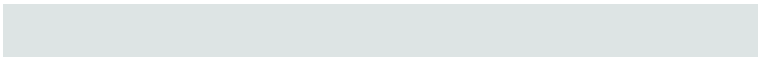
73.7453, 76.3854, 83.5301



73.7729, 78.8184, 85.4578

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.



71.5595, 76.3854, 84.4955



73.7453, 76.3854, 83.5301



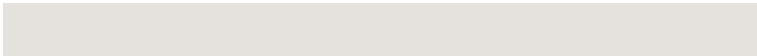
71.6836, 76.3854, 81.2464

Square

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



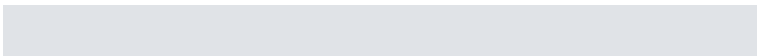
73.7453, 76.3854, 83.5301



72.7274, 76.3854, 79.9559



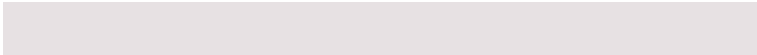
71.4706, 76.3854, 82.8124



72.4768, 76.3854, 86.4706

Rectangle

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



73.7453, 76.3854, 83.5301



73.4322, 76.3854, 80.9267



71.4706, 76.3854, 82.8124



71.7781, 76.3854, 85.4558

Sweetspot

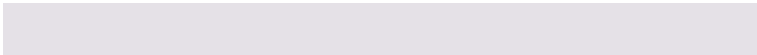
The Sweet Spot groups the original color and five complimentary colors.



73.7475, 76.3887, 83.5318



93.9692, 98.2747, 107.1946



73.6647, 76.2815, 86.4435



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



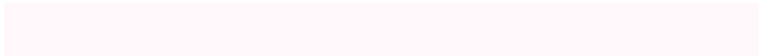
20.3446, 21.4041, 23.3091

Same Dimension

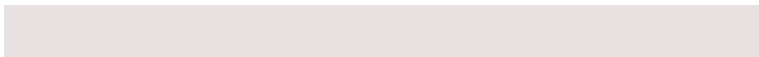
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7475, 76.3887, 83.5318



91.8470, 94.8915, 103.8326



73.7444, 76.8210, 82.1793



15.5379, 15.9772, 17.5033



19.2755, 9.8444, 5.0798



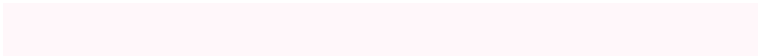
1.4662, 0.7442, 0.5958

Inverse Universe

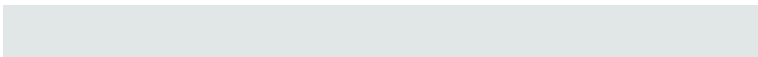
The Inverse Universe completely reimagines the original color for something new.



73.7475, 76.3887, 83.5318



91.8470, 94.8915, 103.8326



73.7744, 78.3728, 86.8414



15.5379, 15.9772, 17.5033



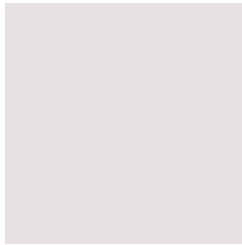
19.2755, 9.8444, 5.0798



1.4662, 0.7442, 0.5958

Previews

White Background



This preview shows how the XYZ color 73.7453, 76.3854, 83.5301 looks on a white background.

Color Contrast Check

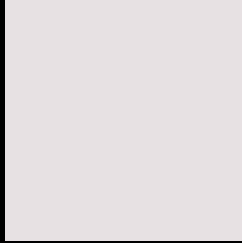
Large Text (above 18pt) WCAG AA × Fail

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 73.7453, 76.3854, 83.5301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

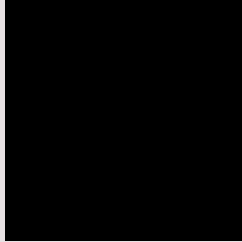
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

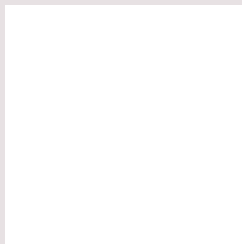
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7453, 76.3854, 83.5301

Background



This preview shows how black text looks on a background with the XYZ color 73.7453, 76.3854, 83.5301.

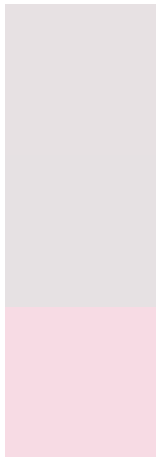


This preview shows how white text looks on a background with the XYZ color 73.7453, 76.3854,

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

73.7453, 76.3854, 83.5301

Protanopia

73.4235, 76.2195, 83.5150

Deuteranopia

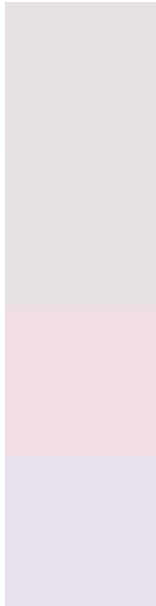
77.6929, 76.0386, 83.9809



Tritanopia

75.7201, 76.3903, 93.1920

Trichromacy



Original Color

73.7453, 76.3854, 83.5301

Protanomaly

73.4235, 76.2195, 83.5150

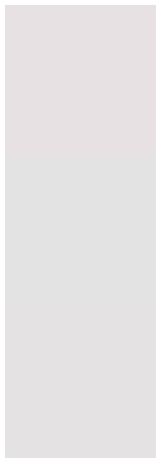
Deuteranomaly

76.1357, 76.0151, 84.0584

Tritanomaly

74.9298, 76.4653, 89.4073

Monochromacy



Original Color

73.7453, 76.3854, 83.5301

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0564, 76.4327, 83.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7453, 76.3854, 83.5301 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(231, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 227)  
}
```

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(231, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.7453, 76.3854, 83.5301 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(231, 225, 227) }
```


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

```
.border{ border-color:rgb(231, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7453, 76.3854, 83.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 227) }
```

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

```
.background{ background-color: rgb(231,  
225, 227) }
```

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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