

Converting Colors

XYZ(73.5481, 77.5993, 76.3689)

Have a look what the booklet for
XYZ(73.5481, 77.5993, 76.3689)
contains.

XYZ(73.4168, 77.6005, 76.0747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.4168, 77.6005,
76.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4D8
RGB	232, 228, 216
RGB Percent	91%, 89%, 85%
CMY	0.0902, 0.1059, 0.1529
CMYK	0.00, 0.02, 0.07, 0.09
HSL	45°, 26%, 88%
HSV	45°, 7%, 91%
XYZ	73.4168, 77.6005, 76.0747
YIQ	227.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

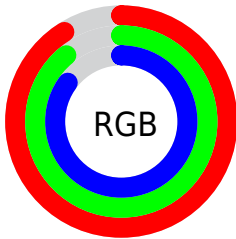
Format	Color
R_{YB}	221, 232, 216
Decimal	15262936
CIE Lab	90.60, -0.71, 6.32
CIE LCh	91, 6.359, 96.388
Yxy	77.6005, 0.3233, 0.3417
Android (android.graphics.Color)	4293453016 (0xFFE8E4D8)
YUV	227.8280, -5.8312, 3.6588
Hunter-Lab	88.0911, -5.3943, 10.4615

Details

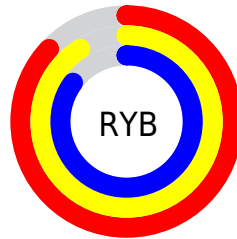
The XYZ color **73.4168, 77.6005, 76.0747** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4775, 71.6104, 86.5578**, and the grayscale version is **73.6570, 77.4929, 84.3898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2811, 41.6905, 39.6949** is the 20% darker color. If you saturate the color by 10%, you get **69.0602, 73.3526, 60.8547**, and if you desaturate by 10%, it is **78.2547, 82.1314, 93.5463**.

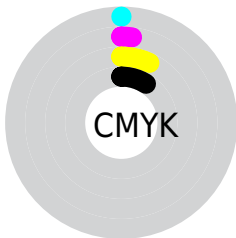
Distribution



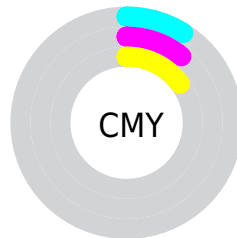
- Red (91%)
- Green (89%)
- Blue (85%)



- Red (87%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4168, 77.6005, 76.0747 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 73.4168, 77.6005, 76.0747 by changing the saturation by 10% instead.

■ 73.4168, 77.6005,
76.0747

■ 73.4168, 77.6005,
76.0747

461.5396,
486.8090, 500.9570

■ 54.6064, 57.7459,
55.9867

123.0687,
129.9868, 129.5935

■ 39.3193, 41.6044,
39.7884

154.6409,
163.2873, 163.8615

■ 27.1901, 28.7916,
27.0610

191.1978,
201.8384, 203.6932

■ 17.8533, 18.9232,
17.3862

233.1047,
246.0247, 249.5072

■ 10.9438, 11.6148,
10.3454

280.7270,
296.2305, 301.7221

■ 6.0961, 6.4820,
5.5200

334.4300,

■ 2.9448, 3.1403,

352.8403, 360.7563

2.4914

394.5790,
416.2383, 427.0284

■ 1.1246, 1.2054,
0.8356

■ 0.0456, 0.0661,
0.0000

■ 73.4168, 77.6005,
76.0747

■ 73.4168, 77.6005,
76.0747

■ 69.0602, 73.3526,
60.8547

■ 78.2547, 82.1314,
93.5463

■ 65.1603, 69.3695,
47.7882

■ 82.3695, 86.4569,
106.9542

■ 61.6998, 65.6460,
36.7771

■ 84.0986, 89.9151,
107.5306

■ 58.6577, 62.1728,
27.7140

■ 85.8827, 93.4832,
108.1253

■ 56.0114, 58.9400,
20.4813

■ 87.0891, 95.8960,
108.5274

■ 53.7354, 55.9366,
14.9491

■ 51.8015, 53.1503,
10.9699

■ 50.1762, 50.5669,
8.3711

■ 48.8169, 48.1684,
6.9313

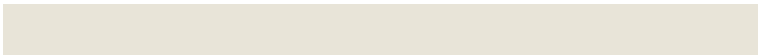
Harmonies

Analogous

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



74.9903, 77.6005, 76.7103



73.4168, 77.6005, 76.0747



71.9552, 77.6005, 77.6287

Triad

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



73.4168, 77.6005, 76.0747



71.3192, 77.6005, 89.8038



76.5984, 77.6005, 88.0553

Complementary

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



73.4168, 77.6005, 76.0747



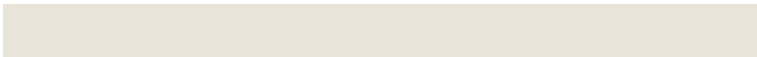
68.4775, 71.6104, 86.5578

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.



75.5885, 77.6005, 91.7520



73.4168, 77.6005, 76.0747



72.5372, 77.6005, 92.7866

Square

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



73.4168, 77.6005, 76.0747



70.7555, 77.6005, 85.4732



74.0981, 77.6005, 93.5121



76.8421, 77.6005, 83.5218

Rectangle

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



73.4168, 77.6005, 76.0747



71.2361, 77.6005, 79.7315



74.0981, 77.6005, 93.5121



76.3366, 77.6005, 89.4420

Sweetspot

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



73.4189, 77.6039, 76.0764



93.8347, 98.8659, 104.4977



70.7539, 71.4360, 77.7706



20.0972, 21.1733, 22.4129



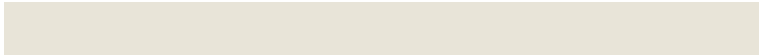
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.4189, 77.6039, 76.0764



90.3339, 95.5476, 91.9760



73.2472, 79.1660, 76.3870



15.2808, 16.1756, 15.2213



26.9896, 26.5533, 3.7028



2.0668, 2.1070, 0.2978

Inverse Universe

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



68.4775, 71.6104, 86.5578



83.2492, 86.9546, 107.0039



68.6376, 70.1548, 86.2684



13.8738, 14.4690, 18.2059



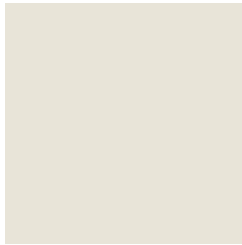
9.0085, 5.0791, 42.8887



0.7381, 0.5202, 3.1935

Previews

White Background



This preview shows how the XYZ color 73.4168, 77.6005, 76.0747 looks on a white background.

Color Contrast Check

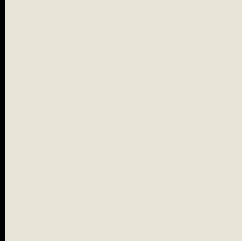
Large Text (above 18pt) WCAG AA × Fail

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 73.4168, 77.6005, 76.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

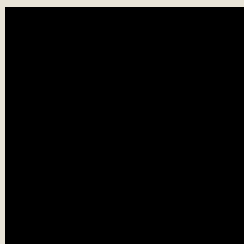
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

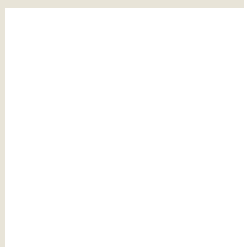
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4168, 77.6005, 76.0747

Background



This preview shows how black text looks on a background with the XYZ color 73.4168, 77.6005, 76.0747.

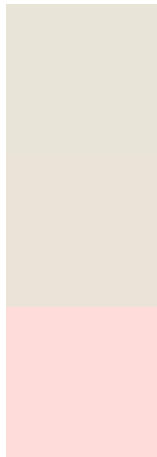


This preview shows how white text looks on a background with the XYZ color 73.4168, 77.6005,

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

73.4168, 77.6005, 76.0747

Protanopia

73.9958, 77.5066, 75.3503

Deuteranopia

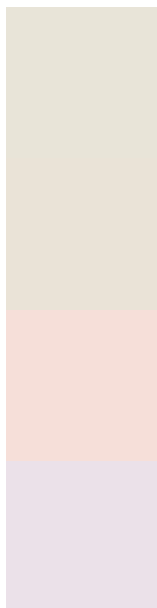
79.1211, 77.3192, 77.0836



Tritanopia

77.2747, 77.5550, 94.9012

Trichromacy



Original Color

73.4168, 77.6005, 76.0747

Protanomaly

73.6665, 77.3369, 75.3348

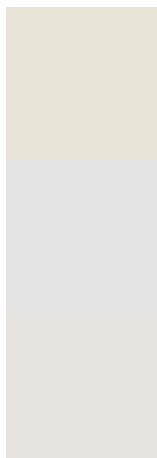
Deuteranomaly

76.9181, 77.3779, 76.5271

Tritanomaly

75.8941, 77.3958, 88.0296

Monochromacy



Original Color

73.4168, 77.6005, 76.0747

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5110, 77.5266, 81.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4168, 77.6005, 76.0747 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(232, 228, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 216)  
}
```

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(232, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.4168, 77.6005, 76.0747 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(232, 228, 216) }
```


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

```
.border{ border-color:rgb(232, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4168, 77.6005, 76.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 216) }
```

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

```
.background{ background-color: rgb(232,  
228, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor