

Converting Colors

XYZ(75.1876, 77.7013, 76.0008)

Have a look what the booklet for
XYZ(75.1876, 77.7013, 76.0008)
contains.

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Color

**XYZ(75.1876, 77.7013,
76.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2D8
RGB	239, 226, 216
RGB Percent	94%, 89%, 85%
CMY	0.0627, 0.1137, 0.1529
CMYK	0.00, 0.05, 0.10, 0.06
HSL	26°, 42%, 89%
HSV	26°, 10%, 94%
XYZ	75.1876, 77.7013, 76.0008
YIQ	228.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

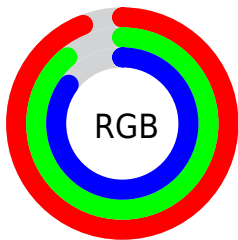
Format	Color
R_{YB}	239, 234, 216
Decimal	15721176
CIE _{Lab}	90.64, 2.75, 6.46
CIE _{LCh}	91, 7.019, 66.906
Yxy	77.7013, 0.3285, 0.3395
Android (android.graphics.Color)	4293911256 (0xFFEFE2D8)
YUV	228.7470, -6.2843, 8.9919
Hunter-Lab	88.1483, -2.0050, 10.5845

Details

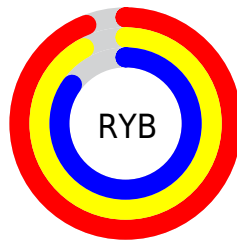
The XYZ color **75.1876, 77.7013, 76.0008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9180, 76.8681, 92.7086**, and the grayscale version is **74.3311, 78.2021, 85.1621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5244, 41.7663, 39.6441** is the 20% darker color. If you saturate the color by 10%, you get **68.7917, 69.4994, 59.7172**, and if you desaturate by 10%, it is **82.3265, 86.6683, 94.7512**.

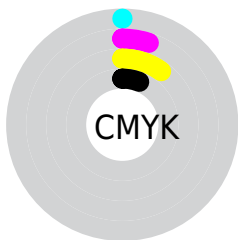
Distribution



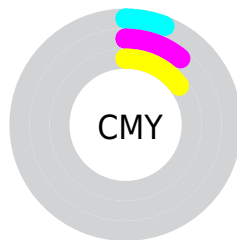
- Red (94%)
- Green (89%)
- Blue (85%)



- Red (94%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1876, 77.7013, 76.0008 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 75.1876, 77.7013, 76.0008 by changing the saturation by 10% instead.


 75.1876, 77.7013,
76.0008

 75.1876, 77.7013,
76.0008


467.5494,
487.1518, 500.6973

 56.0613, 57.8286,
55.9265


125.5644,
130.1290, 129.4881

 40.4893, 41.6709,
39.7404

157.5456,
163.4528, 163.7383

 28.1061, 28.8437,
27.0240


194.5424,
202.0290, 203.5507

 18.5465, 18.9626,
17.3586

236.9203,
246.2422, 249.3441

 11.4451, 11.6433,
10.3258

285.0446,
296.4767, 301.5369

 6.4366, 6.5013,
5.5071

339.2807,

 3.1555, 3.1522,

353.1169, 360.5477

2.4839

399.9938,
416.5471, 426.7950

■ 1.2365, 1.2117,
0.8316

■ 0.1349, 0.0712,
0.0000

■ 75.1876, 77.7013,
76.0008

■ 75.1876, 77.7013,
76.0008

■ 68.7917, 69.4994,
59.7172

■ 82.3265, 86.6683,
94.7512

■ 63.1065, 62.0313,
45.7914

■ 88.7766, 95.8303,
108.4258

■ 58.1064, 55.2785,
34.1138

■ 89.4069, 97.0909,
108.6359

■ 53.7620, 49.2177,
24.5637

■ 50.0412, 43.8242,
17.0092

■ 46.9088, 39.0717,
11.3034

■ 44.3255, 34.9311,
7.2789

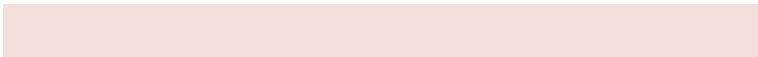
■ 42.2455, 31.3707,
4.7370

■ 40.5995, 28.3481,
3.3578

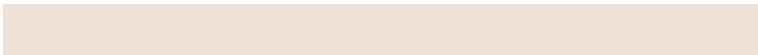
Harmonies

Analogous

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



76.5909, 77.7013, 78.9179



75.1876, 77.7013, 76.0008



73.4467, 77.7013, 75.3453

Triad

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



75.1876, 77.7013, 76.0008



70.5451, 77.7013, 85.7739



75.9029, 77.7013, 92.5893

Complementary

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



75.1876, 77.7013, 76.0008



71.9180, 76.8681, 92.7086

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.



74.2603, 77.7013, 94.5906



75.1876, 77.7013, 76.0008



71.1806, 77.7013, 90.5558

Square

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



75.1876, 77.7013, 76.0008



70.7845, 77.7013, 80.8600



72.5338, 77.7013, 93.8321



77.0085, 77.7013, 88.4608

Rectangle

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



75.1876, 77.7013, 76.0008



72.3324, 77.7013, 76.2547



72.5338, 77.7013, 93.8321



75.3942, 77.7013, 93.5405

Sweetspot

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



75.1897, 77.7047, 76.0025



92.4791, 96.7901, 102.0873



74.3009, 73.1226, 84.3521



19.6501, 20.5364, 21.4708



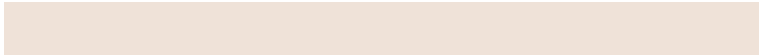
0.0000, 0.0000, 0.0000



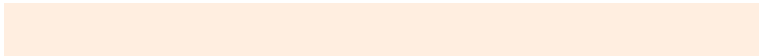
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1897, 77.7047, 76.0025



85.2391, 87.6440, 83.2302



78.4116, 84.1484, 77.0764



16.3384, 16.8899, 16.5487



22.5300, 15.8581, 1.8735



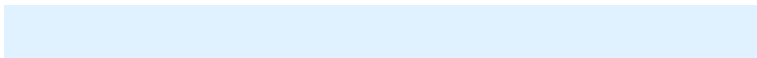
1.9715, 1.5136, 0.1882

Inverse Universe

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



71.9180, 76.8681, 92.7086



80.5745, 86.4510, 107.0477



68.8505, 70.7332, 91.6861



15.6384, 16.7109, 20.1229



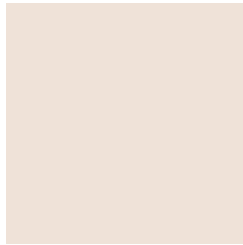
13.5339, 13.2920, 46.9802



1.2247, 1.3033, 3.9412

Previews

White Background



This preview shows how the XYZ color 75.1876, 77.7013, 76.0008 looks on a white background.

Color Contrast Check

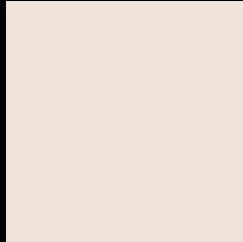
Large Text (above 18pt) WCAG AA × Fail

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 75.1876, 77.7013, 76.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

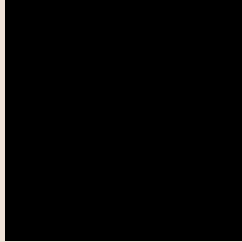
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1876, 77.7013, 76.0008

Background



This preview shows how black text looks on a background with the XYZ color 75.1876, 77.7013, 76.0008.

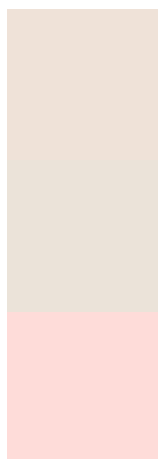


This preview shows how white text looks on a background with the XYZ color 75.1876, 77.7013,

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

75.1876, 77.7013, 76.0008

Protanopia

74.2544, 77.6101, 76.7123

Deuteranopia

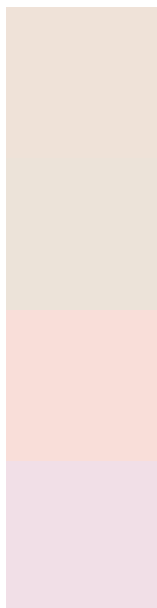
78.9906, 77.2670, 76.3964



Tritanopia

78.4674, 77.4111, 93.2442

Trichromacy



Original Color

75.1876, 77.7013, 76.0008

Protanomaly

74.5855, 77.7808, 76.7278

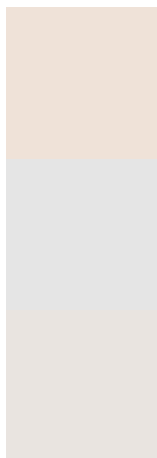
Deuteranomaly

77.7126, 77.3920, 76.4879

Tritanomaly

77.0871, 77.2456, 86.4483

Monochromacy



Original Color

75.1876, 77.7013, 76.0008

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8022, 78.1923, 81.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1876, 77.7013, 76.0008 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(239, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.1876, 77.7013, 76.0008 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(239, 226, 216) }
```


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

```
.border{ border-color:rgb(239, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1876, 77.7013, 76.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 216) }
```

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

```
.background{ background-color: rgb(239,  
226, 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](#).

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