

Converting Colors

XYZ(76.4237, 83.1358, 67.2785)

Have a look what the booklet for
XYZ(76.4237, 83.1358, 67.2785)
contains.

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Color

**XYZ(76.4234, 83.1361,
67.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEDC9
RGB	239, 237, 201
RGB Percent	94%, 93%, 79%
CMY	0.0627, 0.0706, 0.2118
CMYK	0.00, 0.01, 0.16, 0.06
HSL	57°, 54%, 86%
HSV	57°, 16%, 94%
XYZ	76.4234, 83.1361, 67.2773
YIQ	233.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

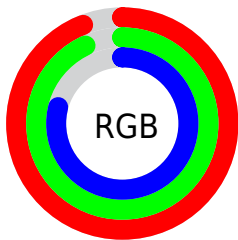
Format	Color
R _Y B	203, 239, 201
Decimal	15723977
CIE Lab	93.07, -5.20, 17.71
CIE LCh	93, 18.461, 106.373
Yxy	83.1361, 0.3369, 0.3665
Android (android.graphics.Color)	4293914057 (0xFFEFEDC9)
YUV	233.4940, -16.0195, 4.8288
Hunter-Lab	91.1790, -9.9501, 20.0776

Details

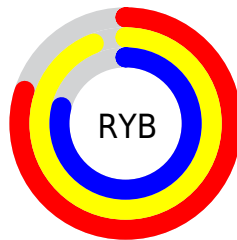
The XYZ color **76.4234, 83.1361, 67.2773** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.0232, 61.3602, 90.2894**, and the grayscale version is **77.9366, 81.9954, 89.2930**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3188, 45.2216, 34.1547** is the 20% darker color. If you saturate the color by 10%, you get **73.4667, 81.3769, 53.4834**, and if you desaturate by 10%, it is **79.8246, 85.0827, 83.3795**.

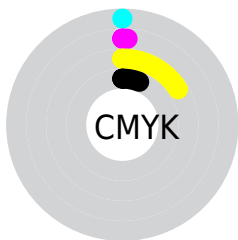
Distribution



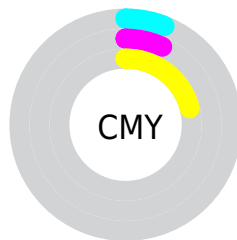
- Red (94%)
- Green (93%)
- Blue (79%)



- Red (80%)
- Yellow (94%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (6%)





- Cyan (6%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4234, 83.1361, 67.2773 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 76.4234, 83.1361, 67.2773 by changing the saturation by 10% instead.


 76.4234, 83.1361,
67.2773

 76.4234, 83.1361,
67.2773


471.7180,
505.4400, 469.4595

 57.0780, 62.3024,
48.8470


127.3024,
137.7661, 116.9621

 41.3083, 45.2771,
34.1334


159.5667,
172.3312, 149.0536

 28.7488, 31.6758,
22.7179


196.8681,
212.2422, 186.5360

 19.0342, 21.1140,
14.1820

239.5719,
257.8835, 229.8278

 11.7991, 13.2073,
8.1072

288.0434,
309.6396, 279.3475

 6.6783, 7.5715,
4.0748

342.6480,

 3.3063, 3.8220,

367.8947, 335.5137

1.6665

403.7511,
433.0334, 398.7448

■ 1.3177, 1.5745,
0.3376

■ 0.1964, 0.3403,
0.0000

■ 76.4234, 83.1361,
67.2773

■ 76.4234, 83.1361,
67.2773

■ 73.4667, 81.3769,
53.4834

■ 79.8246, 85.0827,
83.3795

■ 70.9277, 79.7861,
41.8864

■ 83.6825, 87.2133,
101.8841

■ 68.7868, 78.3586,
32.3735

■ 85.0342, 88.3455,
107.1783

■ 67.0203, 77.0849,
24.8196

■ 85.4064, 89.0900,
107.3024

65.6019, 75.9544,
19.0866

85.7812, 89.8396,
107.4274

64.5021, 74.9554,
15.0183

86.1586, 90.5943,
107.5532

63.6860, 74.0740,
12.4320

86.5386, 91.3542,
107.6798

63.1108, 73.2929,
11.1021

86.9211, 92.1193,
107.8073

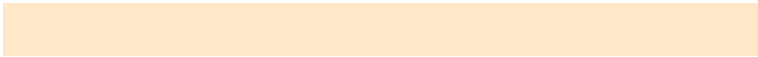
62.9166, 72.9904,
10.7725

87.3062, 92.8895,
107.9357

Harmonies

Analogous

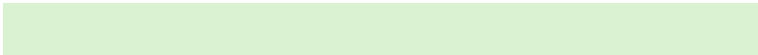
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2317, 83.1361, 67.0064



76.4234, 83.1361, 67.2773



72.4703, 83.1361, 73.3456

Triad

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



76.4234, 83.1361, 67.2773



72.7685, 83.1361, 111.2212



88.4142, 83.1361, 96.9481

Complementary

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



76.4234, 83.1361, 67.2773



61.0232, 61.3602, 90.2894

Split Complementary

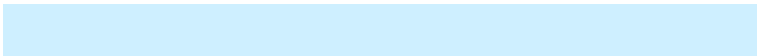
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9495, 83.1361, 110.1881



76.4234, 83.1361, 67.2773



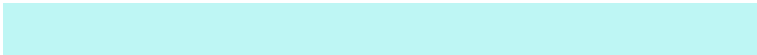
76.8456, 83.1361, 118.9791

Square

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



76.4234, 83.1361, 67.2773



70.4198, 83.1361, 98.2456



81.6714, 83.1361, 118.5828



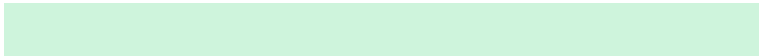
88.2898, 83.1361, 83.2124

Rectangle

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



76.4234, 83.1361, 67.2773



70.7935, 83.1361, 80.2518



81.6714, 83.1361, 118.5828



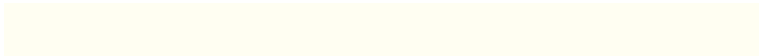
87.8568, 83.1361, 101.6310

Sweetspot

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



76.4256, 83.1398, 67.2791



92.8514, 98.7795, 98.3740



67.3274, 64.4624, 65.7289



19.8102, 21.1071, 20.7516



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

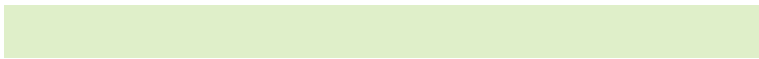
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4256, 83.1398, 67.2791



87.4014, 95.6508, 72.5994



71.6978, 81.5648, 67.2243



17.0477, 18.3085, 16.7851



34.8000, 40.3980, 5.9634



2.9166, 3.4040, 0.5033

Inverse Universe

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



61.0232, 61.3602, 90.2894



66.4800, 66.0676, 103.8562



65.2218, 62.8298, 90.3518



14.9638, 15.3618, 19.8980



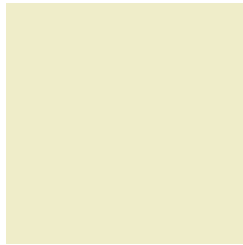
8.7145, 3.6532, 45.3737



0.7482, 0.3504, 3.7824

Previews

White Background



This preview shows how the XYZ color 76.4234, 83.1361, 67.2773 looks on a white background.

Color Contrast Check

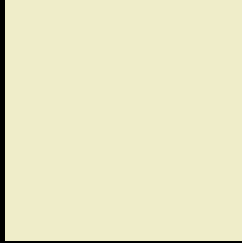
Large Text (above 18pt) WCAG AA × Fail

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 76.4234, 83.1361, 67.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

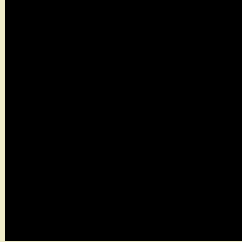
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4234, 83.1361, 67.2773

Background



This preview shows how black text looks on a background with the XYZ color 76.4234, 83.1361, 67.2773.



This preview shows how white text looks on a background with the XYZ color 76.4234, 83.1361,

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

76.4234, 83.1361, 67.2773

Protanopia

78.2059, 82.7899, 66.5017

Deuteranopia

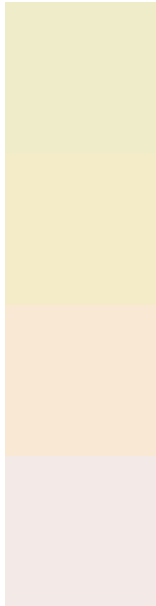
82.1917, 82.9156, 78.0020



Tritanopia

82.8963, 82.7834, 100.4166

Trichromacy



Original Color

76.4234, 83.1361, 67.2773

Protanomaly

77.4419, 82.8199, 66.5478

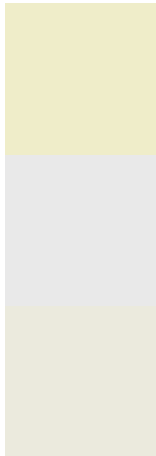
Deuteranomaly

80.0895, 83.1710, 74.1198

Tritanomaly

80.5249, 83.1020, 87.3975

Monochromacy



Original Color

76.4234, 83.1361, 67.2773

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.7349, 81.7283, 80.1374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4234, 83.1361, 67.2773 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, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 201)  
}
```

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, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 201) }
```

Border

The CSS property to change the border of an element to XYZ 76.4234, 83.1361, 67.2773 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, 237, 201) }
```


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

```
.border{ border-color:rgb(239, 237, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 237, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4234, 83.1361, 67.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 201) }
```

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

```
.background{ background-color: rgb(239,  
237, 201) }
```

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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