

Converting Colors

XYZ(74.6787, 78.5023, 67.9724)

Have a look what the booklet for
XYZ(74.6787, 78.5023, 67.9724)
contains.

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Color

**XYZ(74.4581, 78.3239,
67.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E4CB
RGB	240, 228, 203
RGB Percent	94%, 89%, 80%
CMY	0.0588, 0.1059, 0.2039
CMYK	0.00, 0.05, 0.15, 0.06
HSL	41°, 55%, 87%
HSV	41°, 15%, 94%
XYZ	74.4581, 78.3239, 67.6936
YIQ	228.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

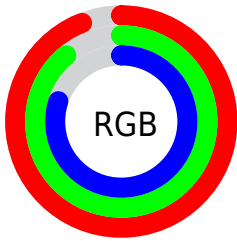
Format	Color
RYB	221, 240, 203
Decimal	15787211
CIELab	90.93, 0.03, 13.66
CIElCh	91, 13.661, 89.882
Yxy	78.3239, 0.3377, 0.3552
Android (android.graphics.Color)	4293977291 (0xFFFF0E4CB)
YUV	228.7380, -12.6888, 9.8768
Hunter-Lab	88.5008, -4.6995, 16.6001

Details

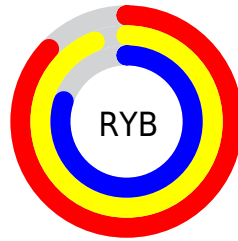
The XYZ color **74.4581, 78.3239, 67.6936** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.6570, 67.5873, 92.0766**, and the grayscale version is **74.3679, 78.2408, 85.2043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1355, 42.2474, 34.4730** is the 20% darker color. If you saturate the color by 10%, you get **69.7247, 73.0849, 53.0806**, and if you desaturate by 10%, it is **79.7349, 83.9397, 84.6739**.

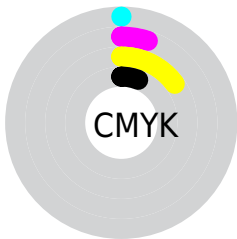
Distribution



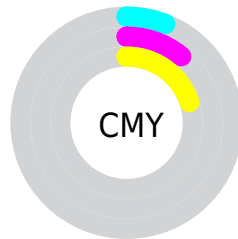
- Red (94%)
- Green (89%)
- Blue (80%)



- Red (87%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4581, 78.3239, 67.6936 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 74.4581, 78.3239, 67.6936 by changing the saturation by 10% instead.

74.4581, 78.3239,
67.6936

74.4581, 78.3239,
67.6936

465.0788,
489.2661, 470.9782

55.4617, 58.3401,
49.1834

124.5370,
131.0066, 117.5638

40.0068, 42.0821,
34.3983

156.3502,
164.4743, 149.7608

27.7281, 29.1656,
22.9199

193.1663,
203.2054, 187.3572

18.2602, 19.2061,
14.3297

235.3508,
247.5844, 230.7714

11.2378, 11.8193,
8.2089

283.2689,
297.9955, 280.4221

6.2955, 6.6208,
4.1393

337.2860,

3.0679, 3.2261,

354.8233, 336.7278

1.7020

397.7676,
418.4520, 400.1070

■ 1.1898, 1.2509,
0.3621

■ 0.0983, 0.1027,
0.0000

■ 74.4581, 78.3239,
67.6936

■ 74.4581, 78.3239,
67.6936

■ 69.7247, 73.0849,
53.0806

■ 79.7349, 83.9397,
84.6739

■ 65.5068, 68.2016,
40.7227

■ 85.5690, 89.9319,
104.1170

■ 61.7833, 63.6661,
30.5058

■ 88.5915, 94.9574,
108.2671

■ 58.5291, 59.4665,
22.3037

■ 89.7455, 97.2654,
108.6518

■ 55.7165, 55.5893,
15.9771

■ 53.3143, 52.0200,
11.3687

■ 51.2864, 48.7419,
8.2952

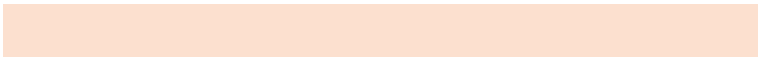
■ 49.5886, 45.7350,
6.5308

■ 48.8900, 44.4344,
5.9999

Harmonies

Analogous

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



77.8157, 78.3239, 69.9115



74.4581, 78.3239, 67.6936



71.1950, 78.3239, 69.8774

Triad

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



74.4581, 78.3239, 67.6936



68.8513, 78.3239, 95.0797



80.3185, 78.3239, 95.1521

Complementary

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



74.4581, 78.3239, 67.6936



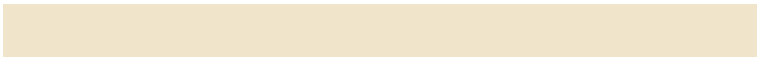
64.6570, 67.5873, 92.0766

Split Complementary

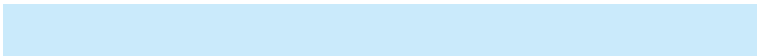
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7915, 78.3239, 102.7976



74.4581, 78.3239, 67.6936



71.1721, 78.3239, 102.7535

Square

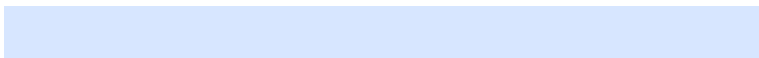
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4581, 78.3239, 67.6936



68.0192, 78.3239, 85.2425



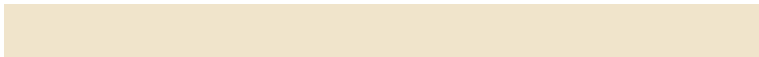
74.4309, 78.3239, 105.6788



81.2622, 78.3239, 85.3203

Rectangle

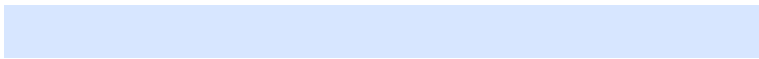
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4581, 78.3239, 67.6936



69.4963, 78.3239, 73.6397



74.4309, 78.3239, 105.6788



79.6223, 78.3239, 98.0896

Sweetspot

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



74.4602, 78.3274, 67.6953



91.7601, 96.5968, 98.0102



69.6006, 66.1617, 73.6179



19.5443, 20.5752, 20.6629



0.0000, 0.0000, 0.0000



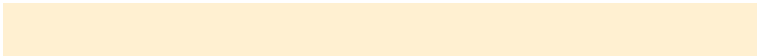
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4602, 78.3274, 67.6953



83.9563, 88.2590, 72.9972



75.8174, 84.0969, 68.7374



16.6658, 17.5448, 16.6578



26.8889, 24.5759, 3.3264



2.3268, 2.2243, 0.3067

Inverse Universe

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



64.6570, 67.5873, 92.0766



71.0232, 74.0907, 105.1654



63.4268, 62.5839, 91.1757



15.3157, 16.0655, 20.0153



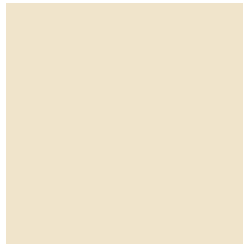
10.2008, 6.6258, 45.8691



0.9356, 0.7252, 3.8449

Previews

White Background



This preview shows how the XYZ color 74.4581, 78.3239, 67.6936 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 74.4581, 78.3239, 67.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

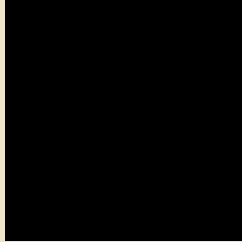
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4581, 78.3239, 67.6936

Background



This preview shows how black text looks on a background with the XYZ color 74.4581, 78.3239, 67.6936.

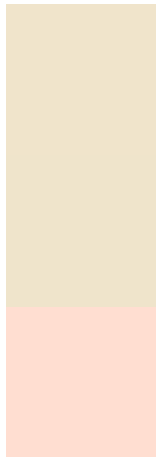


This preview shows how white text looks on a background with the XYZ color 74.4581, 78.3239,

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

74.4581, 78.3239, 67.6936

Protanopia

74.1195, 78.1493, 67.6777

Deuteranopia

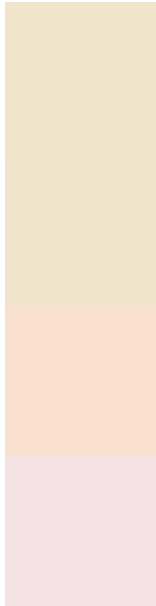
78.8699, 78.1060, 71.2407



Tritanopia

79.7720, 78.4791, 93.3816

Trichromacy



Original Color

74.4581, 78.3239, 67.6936

Protanomaly

74.1195, 78.1493, 67.6777

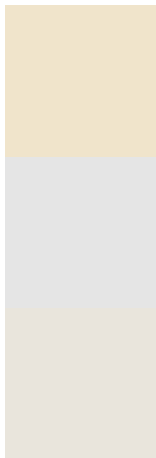
Deuteranomaly

77.3425, 78.1403, 70.0377

Tritanomaly

77.7525, 78.4512, 83.7176

Monochromacy



Original Color

74.4581, 78.3239, 67.6936

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5419, 78.5296, 78.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4581, 78.3239, 67.6936 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(240, 228, 203) looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 203)  
}
```

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(240, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 203) }
```

Border

The CSS property to change the border of an element to XYZ 74.4581, 78.3239, 67.6936 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(240, 228, 203) }
```


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

```
.border{ border-color:rgb(240, 228, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4581, 78.3239, 67.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 203) }
```

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

```
.background{ background-color: rgb(240,  
228, 203) }
```

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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