

Converting Colors

XYZ(74.4221, 78.1043, 65.1228)

Have a look what the booklet for
XYZ(74.4221, 78.1043, 65.1228)
contains.

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Color

**XYZ(74.3958, 77.9389,
65.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E3C7
RGB	242, 227, 199
RGB Percent	95%, 89%, 78%
CMY	0.0510, 0.1098, 0.2196
CMYK	0.00, 0.06, 0.18, 0.05
HSL	39°, 62%, 86%
HSV	39°, 18%, 95%
XYZ	74.3958, 77.9389, 65.1555
YIQ	228.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

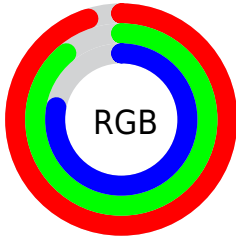
Format	Color
R _Y B	222, 242, 199
Decimal	15918023
CIE Lab	90.75, 0.66, 15.52
CIE LCh	91, 15.533, 87.580
Yxy	77.9389, 0.3421, 0.3584
Android (android.graphics.Color)	4294108103 (0xFFFF2E3C7)
YUV	228.2930, -14.4414, 12.0210
Hunter-Lab	88.2830, -4.0739, 18.0403

Details

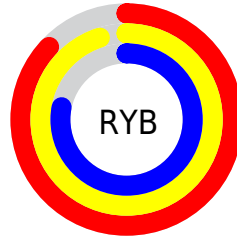
The XYZ color **74.3958, 77.9389, 65.1555** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.6265, 66.6446, 93.5151**, and the grayscale version is **74.0522, 77.9087, 84.8426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1131, 41.9885, 32.7785** is the 20% darker color. If you saturate the color by 10%, you get **69.5552, 72.4020, 50.7645**, and if you desaturate by 10%, it is **79.8006, 83.8878, 81.9409**.

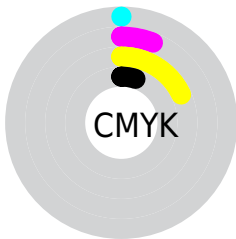
Distribution



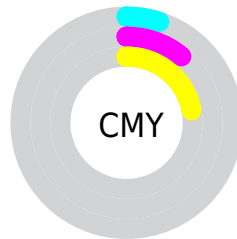
- Red (95%)
- Green (89%)
- Blue (78%)



- Red (87%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3958, 77.9389, 65.1555 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 74.3958, 77.9389, 65.1555 by changing the saturation by 10% instead.

 74.3958, 77.9389,
65.1555

 74.3958, 77.9389,
65.1555


464.8675,
487.9593, 461.6721

 55.4105, 58.0238,
47.1350

124.4492,
130.4640, 113.8888

 39.9656, 41.8278,
32.7873


156.2480,
163.8428, 145.4387

 27.6958, 28.9665,
21.6938


193.0487,
202.4782, 182.3355

 18.2358, 19.0554,
13.4359

235.2166,
246.7547, 224.9978

 11.2201, 11.7104,
7.5951

283.1171,
297.0567, 273.8440

 6.2835, 6.5468,
3.7530

337.1155,

 3.0605, 3.1803,

353.7685, 329.2928

1.4908

397.5772,
417.2746, 391.7626

■ 1.1858, 1.2266,
0.2111

■ 0.0951, 0.0833,
0.0000

■ 74.3958, 77.9389,
65.1555

■ 74.3958, 77.9389,
65.1555

■ 69.5552, 72.4020,
50.7645

■ 79.8006, 83.8878,
81.9409

■ 65.2499, 67.2551,
38.6513

■ 85.7846, 90.2493,
101.2198

■ 61.4576, 62.4891,
28.6973

■ 89.5802, 95.9214,
108.4010

■ 58.1516, 58.0910,
20.7706

■ 90.4282, 97.6174,
108.6837

■ 55.3027, 54.0460,
14.7252

■ 52.8776, 50.3383,
10.3949

■ 50.8375, 46.9492,
7.5845

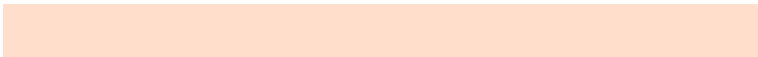
■ 49.1308, 43.8553,
6.0306

■ 48.7785, 43.1980,
5.7671

Harmonies

Analogous

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



78.1737, 77.9389, 67.9872



74.3958, 77.9389, 65.1555



70.6593, 77.9389, 67.2077

Triad

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



74.3958, 77.9389, 65.1555



67.6261, 77.9389, 95.2032



80.5934, 77.9389, 96.9097

Complementary

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



74.3958, 77.9389, 65.1555



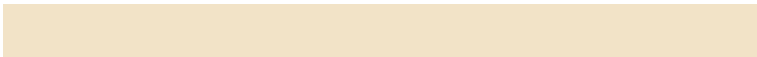
63.6265, 66.6446, 93.5151

Split Complementary

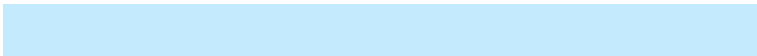
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6064, 77.9389, 105.3657



74.3958, 77.9389, 65.1555



70.1290, 77.9389, 104.3212

Square

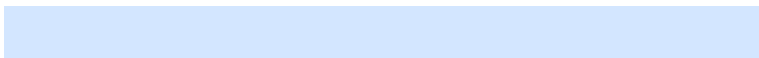
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3958, 77.9389, 65.1555



66.8333, 77.9389, 83.9583



73.7623, 77.9389, 108.1887



81.8294, 77.9389, 85.7726

Rectangle

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



74.3958, 77.9389, 65.1555



68.6774, 77.9389, 71.1787



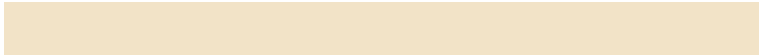
73.7623, 77.9389, 108.1887



79.7558, 77.9389, 100.1958

Sweetspot

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



74.3979, 77.9424, 65.1572



91.6625, 96.4017, 97.9777



69.1862, 64.5827, 72.4720



19.5205, 20.5277, 20.6550



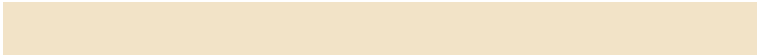
0.0000, 0.0000, 0.0000



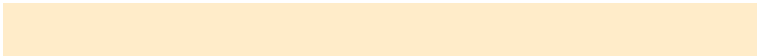
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3979, 77.9424, 65.1572



81.9250, 85.6770, 67.7557



76.5044, 85.3843, 66.4826



16.6320, 17.4771, 16.6465



26.3369, 23.4718, 3.1424



2.2837, 2.1381, 0.2923

Inverse Universe

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



63.6265, 66.6446, 93.5151



67.8844, 70.9516, 104.7249



61.7526, 60.3020, 92.3896



15.3481, 16.1303, 20.0261



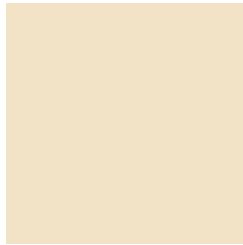
10.4447, 7.1136, 45.9504



0.9588, 0.7715, 3.8526

Previews

White Background



This preview shows how the XYZ color 74.3958, 77.9389, 65.1555 looks on a white background.

Color Contrast Check

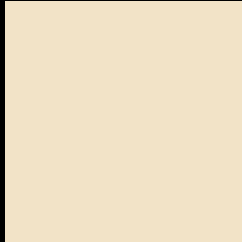
Large Text (above 18pt) WCAG AA × Fail

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 74.3958, 77.9389, 65.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

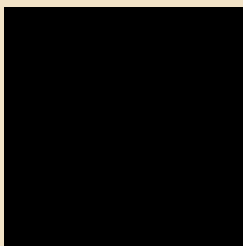
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

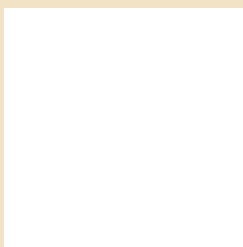
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3958, 77.9389, 65.1555

Background



This preview shows how black text looks on a background with the XYZ color 74.3958, 77.9389, 65.1555.

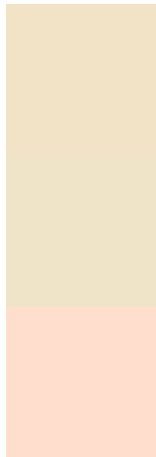


This preview shows how white text looks on a background with the XYZ color 74.3958, 77.9389,

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

74.3958, 77.9389, 65.1555

Protanopia

73.6488, 77.9610, 65.1991

Deuteranopia

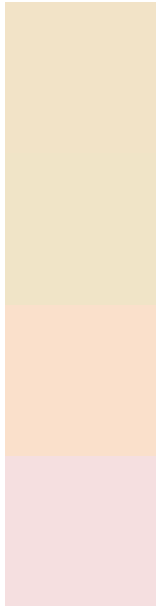
78.5019, 77.9588, 69.3026



Tritanopia

79.7942, 77.7191, 92.4570

Trichromacy



Original Color

74.3958, 77.9389, 65.1555

Protanomaly

73.9874, 78.1356, 65.2150

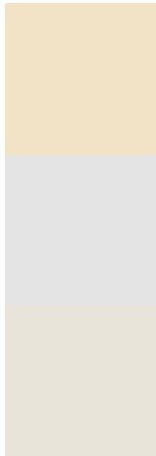
Deuteranomaly

76.8595, 77.9471, 67.4943

Tritanomaly

77.4984, 77.5696, 81.4088

Monochromacy



Original Color

74.3958, 77.9389, 65.1555

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8721, 77.8202, 76.7730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3958, 77.9389, 65.1555 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(242, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 199)  
}
```

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(242, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.3958, 77.9389, 65.1555 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(242, 227, 199) }
```


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

```
.border{ border-color:rgb(242, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3958, 77.9389, 65.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 199) }
```

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

```
.background{ background-color: rgb(242,  
227, 199) }
```

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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