

Converting Colors

XYZ(75.1798, 78.0171, 61.5485)

Have a look what the booklet for XYZ(75.1798, 78.0171, 61.5485) contains.

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Color

**XYZ(75.1798, 78.0171,
61.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E2C1
RGB	247, 226, 193
RGB Percent	97%, 89%, 76%
CMY	0.0314, 0.1137, 0.2431
CMYK	0.00, 0.08, 0.22, 0.03
HSL	37°, 77%, 86%
HSV	37°, 22%, 97%
XYZ	75.1798, 78.0171, 61.5485
YIQ	228.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

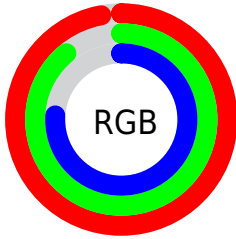
Format	Color
R _Y B	227, 247, 193
Decimal	16245441
CIE Lab	90.79, 2.12, 18.75
CIE LCh	91, 18.869, 83.564
Yxy	78.0171, 0.3501, 0.3633
Android (android.graphics.Color)	4294435521 (0xFFF7E2C1)
YUV	228.5170, -17.5099, 16.2096
Hunter-Lab	88.3273, -2.6424, 20.5145

Details

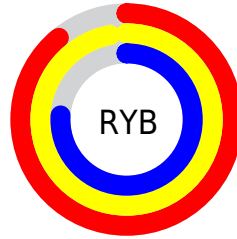
The XYZ color **75.1798, 78.0171, 61.5485** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.8271, 66.1445, 97.4521**, and the grayscale version is **74.2357, 78.1017, 85.0528**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **40.4583, 41.9370, 30.3884** is the 20% darker color. If you saturate the color by 10%, you get **70.1132, 71.9310, 47.3821**, and if you desaturate by 10%, it is **80.8570, 84.5869, 78.1906**.

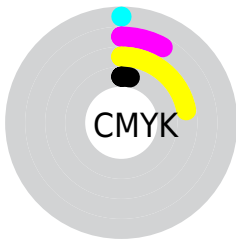
Distribution



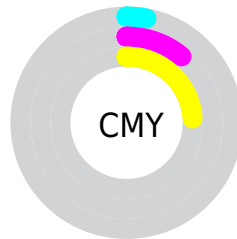
- Red (97%)
- Green (89%)
- Blue (76%)



- Red (89%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1798, 78.0171, 61.5485 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 75.1798, 78.0171, 61.5485 by changing the saturation by 10% instead.


 75.1798, 78.0171,
61.5485

 75.1798, 78.0171,
61.5485


467.5230,
488.2249, 448.2444

 56.0549, 58.0880,
44.2345


 125.5534,
130.5742, 108.6380

 40.4841, 41.8794,
30.5164


157.5328,
163.9711, 139.2506

 28.1021, 29.0069,
19.9755


194.5277,
202.6260, 175.1331

 18.5435, 19.0860,
12.1933

236.9036,
246.9233, 216.7042

 11.4429, 11.7325,
6.7514

285.0257,
297.2475, 264.3823

 6.4351, 6.5618,
3.2310

339.2594,

 3.1545, 3.1896,

353.9828, 318.5860

1.2138

399.9700,
417.5139, 379.7339

■ 1.2360, 1.2315,
0.0000

■ 0.1345, 0.0872,
0.0000

■ 75.1798, 78.0171,
61.5485

■ 75.1798, 78.0171,
61.5485

■ 70.1132, 71.9310,
47.3821

■ 80.8570, 84.5869,
78.1906

■ 65.6259, 66.3042,
35.5654

■ 87.1623, 91.6429,
97.4162

■ 61.6927, 61.1254,
25.9686

■ 92.1094, 98.3970,
108.7456

■ 58.2838, 56.3787,
18.4474

■ 92.1680, 98.5143,
108.7651

■ 55.3661, 52.0467,
12.8401

■ 52.9018, 48.1102,
8.9606

■ 50.8460, 44.5467,
6.5851

■ 49.4193, 41.8969,
5.4822

Harmonies

Analogous

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



79.7019, 78.0171, 65.6208



75.1798, 78.0171, 61.5485



70.5667, 78.0171, 63.1869

Triad

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



75.1798, 78.0171, 61.5485



66.1043, 78.0171, 95.8217



81.7341, 78.0171, 101.4219

Complementary

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



75.1798, 78.0171, 61.5485



62.8271, 66.1445, 97.4521

Split Complementary

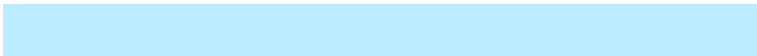
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8586, 78.0171, 111.2053



75.1798, 78.0171, 61.5485



68.8676, 78.0171, 107.7387

Square

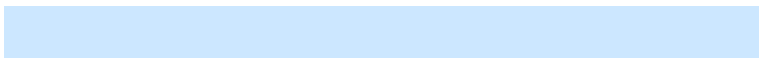
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1798, 78.0171, 61.5485



65.4553, 78.0171, 82.0534



73.1354, 78.0171, 113.6319



83.5887, 78.0171, 87.9086

Rectangle

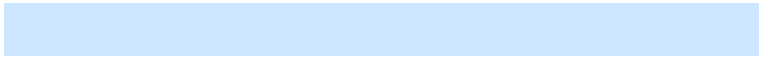
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1798, 78.0171, 61.5485



68.0442, 78.0171, 67.3937



73.1354, 78.0171, 113.6319



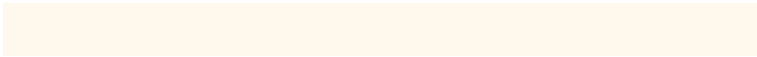
80.6167, 78.0171, 105.3116

Sweetspot

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



75.1819, 78.0206, 61.5501



90.1338, 94.5549, 93.7361



69.6430, 62.8009, 72.4730



19.2050, 20.1408, 19.7976



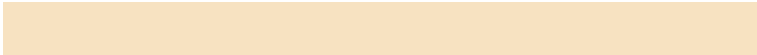
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.1819, 78.0206, 61.5501



78.4737, 81.0830, 59.4881



79.3679, 89.1790, 63.4833



17.3422, 18.1686, 17.3904



26.2781, 22.4419, 2.9467



2.4092, 2.1717, 0.2922

Inverse Universe

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



62.8271, 66.1445, 97.4521



63.1295, 66.3356, 104.0845



59.2537, 56.9166, 95.8593



16.1095, 16.9833, 20.9716



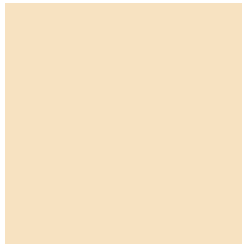
11.2206, 8.2349, 47.5361



1.0829, 0.9171, 4.2102

Previews

White Background



This preview shows how the XYZ color 75.1798, 78.0171, 61.5485 looks on a white background.

Color Contrast Check

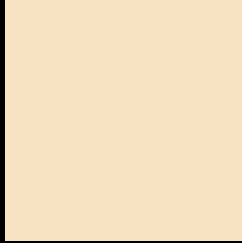
Large Text (above 18pt) WCAG AA × Fail

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 75.1798, 78.0171, 61.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

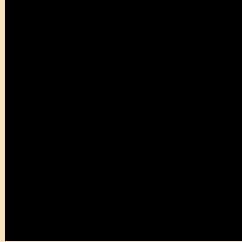
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

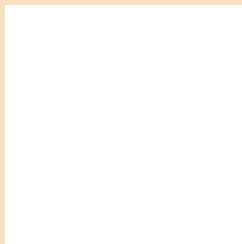
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1798, 78.0171, 61.5485

Background



This preview shows how black text looks on a background with the XYZ color 75.1798, 78.0171, 61.5485.



This preview shows how white text looks on a background with the XYZ color 75.1798, 78.0171,

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

75.1798, 78.0171, 61.5485

Protanopia

73.7566, 78.0826, 62.2230

Deuteranopia

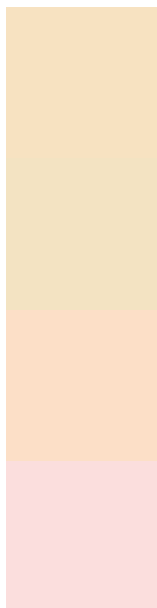
78.1408, 77.8143, 67.4011



Tritanopia

81.3873, 78.1835, 90.9221

Trichromacy



Original Color

75.1798, 78.0171, 61.5485

Protanomaly

74.1688, 77.8879, 62.1637

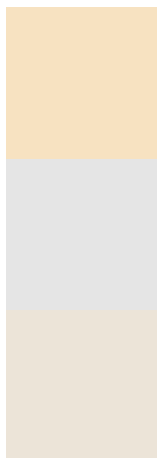
Deuteranomaly

76.8414, 77.5943, 64.9601

Tritanomaly

78.9561, 77.9722, 79.2953

Monochromacy



Original Color

75.1798, 78.0171, 61.5485

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7301, 78.2775, 76.1361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1798, 78.0171, 61.5485 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(247, 226, 193) looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 193)  
}
```

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(247, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 193) }
```

Border

The CSS property to change the border of an element to XYZ 75.1798, 78.0171, 61.5485 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(247, 226, 193) }
```


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

```
.border{ border-color:rgb(247, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1798, 78.0171, 61.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 193) }
```

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

```
.background{ background-color: rgb(247,  
226, 193) }
```

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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