

Converting Colors

XYZ(76.7893, 78.0442, 61.4689)

Have a look what the booklet for
XYZ(76.7893, 78.0442, 61.4689)
contains.

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Color

**XYZ(76.7893, 78.0442,
61.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE0C1
RGB	253, 224, 193
RGB Percent	99%, 88%, 76%
CMY	0.0078, 0.1215, 0.2431
CMYK	0.00, 0.11, 0.24, 0.01
HSL	31°, 94%, 87%
HSV	31°, 24%, 99%
XYZ	76.7893, 78.0442, 61.4689
YIQ	229.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

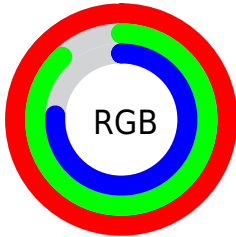
Format	Color
R _Y B	249, 253, 193
Decimal	16638145
CIE Lab	90.80, 5.34, 18.84
CIE LCh	91, 19.584, 74.182
Yxy	78.0442, 0.3550, 0.3608
Android (android.graphics.Color)	4294828225 (0xFFFDE0C1)
YUV	229.1370, -17.8155, 20.9279
Hunter-Lab	88.3426, 0.5564, 20.5858

Details

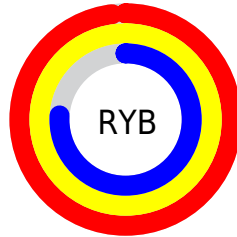
The XYZ color **76.7893, 78.0442, 61.4689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.8427, 70.6700, 103.0993**, and the grayscale version is **74.6917, 78.5815, 85.5752**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **41.6131, 41.9758, 30.3350** is the 20% darker color. If you saturate the color by 10%, you get **71.0368, 70.6759, 46.7981**, and if you desaturate by 10%, it is **83.2650, 86.0854, 78.7646**.

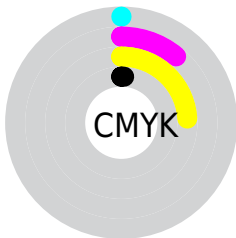
Distribution



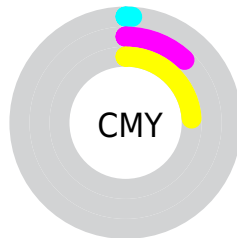
- Red (99%)
- Green (88%)
- Blue (76%)



- Red (98%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7893, 78.0442, 61.4689 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 76.7893, 78.0442, 61.4689 by changing the saturation by 10% instead.


 76.7893, 78.0442,
61.4689

 76.7893, 78.0442,
61.4689


472.9483,
488.3169, 447.9452

 57.3793, 58.1103,
44.1707


 127.8164,
130.6124, 108.5217

 41.5512, 41.8973,
30.4665


160.1643,
164.0155, 139.1134

 28.9396, 29.0209,
19.9379


197.5554,
202.6772, 174.9733

 19.1792, 19.0966,
12.1663

240.3552,
246.9817, 216.5200

 11.9046, 11.7401,
6.7331

288.9291,
297.3136, 264.1720

 6.7505, 6.5670,
3.2199

343.6423,

 3.3515, 3.1928,

354.0571, 318.3478

1.2080

404.8603,
417.5968, 379.4661

■ 1.3422, 1.2332,
0.0000

■ 0.2145, 0.0886,
0.0000

■ 76.7893, 78.0442,
61.4689

■ 76.7893, 78.0442,
61.4689

■ 71.0368, 70.6759,
46.7981

■ 83.2650, 86.0854,
78.7646

■ 65.9720, 63.9500,
34.6161

■ 90.4855, 94.8074,
98.8020

■ 61.5650, 57.8493,
24.7822

■ 94.3182, 99.6227,
108.8658

■ 57.7810, 52.3514,
17.1393

■ 54.5815, 47.4321,
11.5107

■ 51.9222, 43.0647,
7.6920

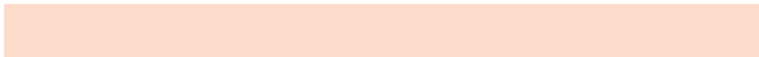
■ 49.7502, 39.2184,
5.4341

■ 48.5894, 37.0452,
4.5895

Harmonies

Analogous

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



81.1770, 78.0442, 67.4468



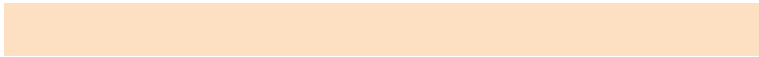
76.7893, 78.0442, 61.4689



71.8833, 78.0442, 61.3075

Triad

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



76.7893, 78.0442, 61.4689



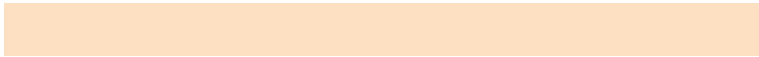
65.3735, 78.0442, 91.7941



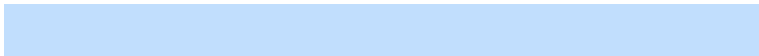
80.9742, 78.0442, 105.9411

Complementary

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



76.7893, 78.0442, 61.4689



65.8427, 70.6700, 103.0993

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.



76.5224, 78.0442, 114.0672



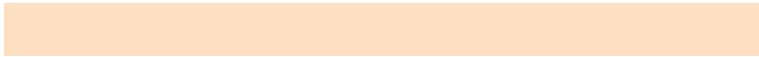
76.7893, 78.0442, 61.4689



67.5946, 78.0442, 105.3081

Square

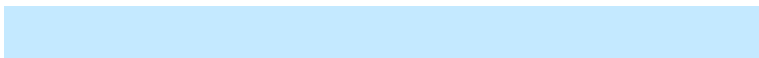
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7893, 78.0442, 61.4689



65.4378, 78.0442, 77.7984



71.6279, 78.0442, 113.8235



83.6651, 78.0442, 92.5838

Rectangle

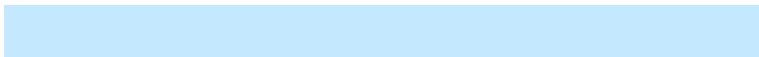
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7893, 78.0442, 61.4689



68.9860, 78.0442, 64.4629



71.6279, 78.0442, 113.8235



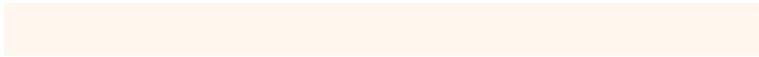
79.6256, 78.0442, 109.4376

Sweetspot

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



76.7914, 78.0477, 61.4705



89.6176, 93.5225, 93.5640



72.7635, 64.2975, 77.6837



19.0855, 19.9016, 19.7577



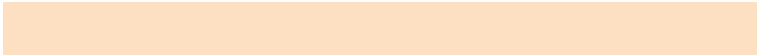
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.7914, 78.0477, 61.4705



75.5734, 76.1511, 55.8434



84.8963, 94.7967, 64.2762



18.7858, 19.5398, 18.9258



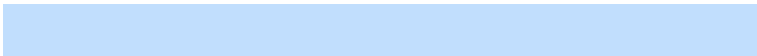
25.9944, 20.0001, 2.4903



2.6404, 2.1662, 0.2789

Inverse Universe

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



65.8427, 70.6700, 103.0993



62.8198, 67.5577, 104.3367



59.0487, 56.7022, 100.7613



17.7275, 18.8265, 22.9495



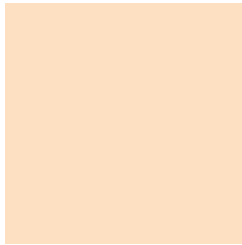
13.2952, 11.5001, 50.9536



1.4033, 1.3373, 4.9974

Previews

White Background



This preview shows how the XYZ color 76.7893, 78.0442, 61.4689 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 76.7893, 78.0442, 61.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

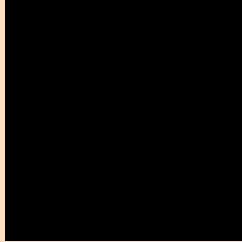
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7893, 78.0442, 61.4689

Background



This preview shows how black text looks on a background with the XYZ color 76.7893, 78.0442, 61.4689.



This preview shows how white text looks on a background with the XYZ color 76.7893, 78.0442,

61.4689.

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

76.7893, 78.0442, 61.4689

Protanopia

73.8694, 78.1277, 62.8166

Deuteranopia

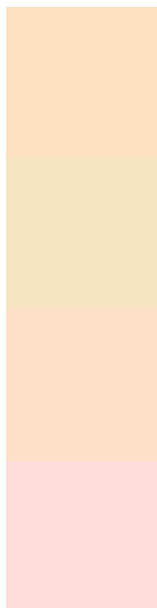
78.1408, 77.8143, 67.4011



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

76.7893, 78.0442, 61.4689

Protanomaly

74.8629, 78.2457, 62.1962

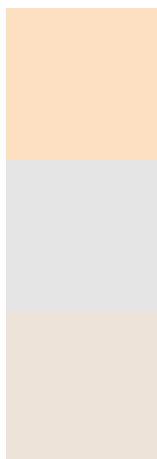
Deuteranomaly

77.5695, 77.9697, 64.9941

Tritanomaly

79.5157, 77.8982, 77.8628

Monochromacy



Original Color

76.7893, 78.0442, 61.4689

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1237, 78.0732, 76.0759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7893, 78.0442, 61.4689 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(253, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(253, 224, 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(253, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 224, 193) }
```

Border

The CSS property to change the border of an element to XYZ 76.7893, 78.0442, 61.4689 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(253, 224, 193) }
```


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

```
.border{ border-color:rgb(253, 224, 193) }
```

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

Here you see how a box with a 4 pixel rgb(253, 224, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(253, 224,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7893, 78.0442, 61.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 224, 193) }
```

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

```
.background{ background-color: rgb(253,  
224, 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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