

Converting Colors

XYZ(77.3498, 81.1358, 69.8560)

Have a look what the booklet for
XYZ(77.3498, 81.1358, 69.8560)
contains.

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Color

**XYZ(77.3727, 81.0205,
69.9531)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5E7CE |
| RGB | 245, 231, 206 |
| RGB Percent | 96%, 91%, 81% |
| CMY | 0.0392, 0.0941, 0.1921 |
| CMYK | 0.00, 0.06, 0.16, 0.04 |
| HSL | 38°, 66%, 88% |
| HSV | 38°, 16%, 96% |
| XYZ | 77.3727, 81.0205, 69.9531 |
| YIQ | 232.3360, 16.3690, -4.8070 |

Conversions

Conversions Part 2

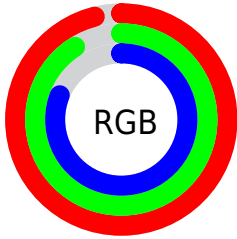
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 228, 245, 206 |
| Decimal | 16115662 |
| CIE Lab | 92.14, 0.74, 13.87 |
| CIE LCh | 92, 13.894, 86.965 |
| Yxy | 81.0205, 0.3388, 0.3548 |
| Android (android.graphics.Color) | 4294305742 (0xFFFF5E7CE) |
| YUV | 232.3360, -12.9836, 11.1063 |
| Hunter-Lab | 90.0114, -4.0835, 16.9303 |

Details

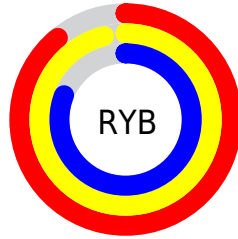
The XYZ color **77.3727, 81.0205, 69.9531** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.5281, 70.8995, 96.5128**, and the grayscale version is **77.0409, 81.0530, 88.2668**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1791, 44.1365, 36.0019** is the 20% darker color. If you saturate the color by 10%, you get **72.2267, 75.1257, 54.6804**, and if you desaturate by 10%, it is **83.1107, 87.3553, 87.7139**.

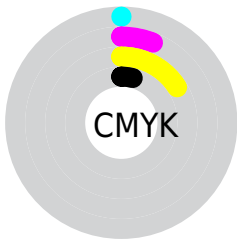
Distribution



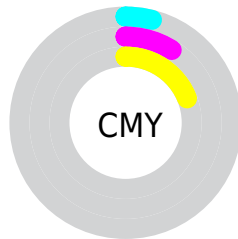
- Red (96%)
- Green (91%)
- Blue (81%)



- Red (89%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3727, 81.0205, 69.9531 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 77.3727, 81.0205, 69.9531 by changing the saturation by 10% instead.

 77.3727, 81.0205,
69.9531

 77.3727, 81.0205,
69.9531


474.9063,
498.3654, 479.1700

 57.8598, 60.5585,
51.0117


128.6355,
134.7996, 120.8224

 41.9388, 43.8689,
35.8412


161.1161,
168.8854, 153.5873

 29.2443, 30.5675,
24.0228


198.6500,
208.2813, 191.7972

 19.4109, 20.2697,
15.1382

241.6026,
253.3716, 235.8707

 12.0733, 12.5913,
8.7687

290.3391,
304.5408, 286.2261

 6.8662, 7.1477,
4.4959

345.2250,

 3.4241, 3.5546,

362.1732, 343.2821

1.9011

406.6256,
426.6533, 407.4572

■ 1.3818, 1.4277,
0.4935

■ 0.2432, 0.2370,
0.0000

■ 77.3727, 81.0205,
69.9531

■ 77.3727, 81.0205,
69.9531

■ 72.2267, 75.1257,
54.6804

■ 83.1107, 87.3553,
87.7139

■ 67.6430, 69.6481,
41.7773

■ 89.4556, 94.1307,
108.0620

■ 63.5987, 64.5782,
31.1230

■ 91.4665, 98.1526,
108.7323

■ 60.0668, 59.9022,
22.5842

■ 57.0174, 55.6051,
16.0132

■ 54.4169, 51.6704,
11.2431

■ 52.2266, 48.0792,
8.0791

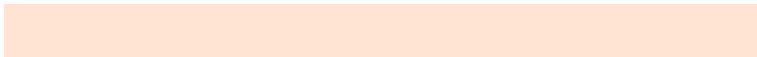
■ 50.3986, 44.8091,
6.2799

■ 49.7272, 43.5540,
5.7859

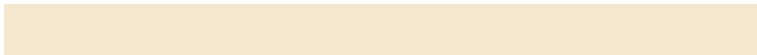
Harmonies

Analogous

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



80.8228, 81.0205, 72.6958



77.3727, 81.0205, 69.9531



73.9271, 81.0205, 71.7819

Triad

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



77.3727, 81.0205, 69.9531



71.0317, 81.0205, 97.4657



82.9259, 81.0205, 99.4112

Complementary

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



77.3727, 81.0205, 69.9531



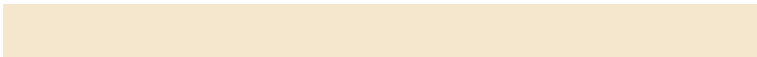
67.5281, 70.8995, 96.5128

Split Complementary

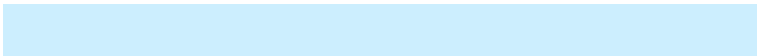
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1724, 81.0205, 106.9880



77.3727, 81.0205, 69.9531



73.3143, 81.0205, 105.8050

Square

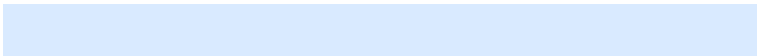
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3727, 81.0205, 69.9531



70.3338, 81.0205, 87.1776



76.6436, 81.0205, 109.4129



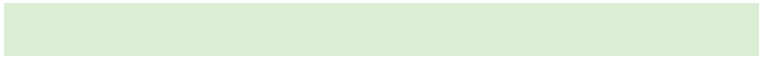
84.0907, 81.0205, 89.2658

Rectangle

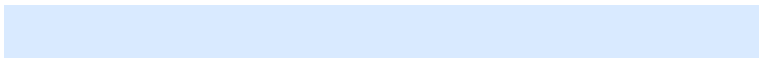
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3727, 81.0205, 69.9531



72.0831, 81.0205, 75.4318



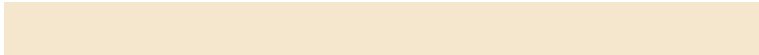
76.6436, 81.0205, 109.4129



82.1513, 81.0205, 102.3722

Sweetspot

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



77.3749, 81.0241, 69.9548



91.6223, 96.3212, 97.9642



72.6865, 68.7394, 77.3567



19.5107, 20.5082, 20.6518



0.0000, 0.0000, 0.0000



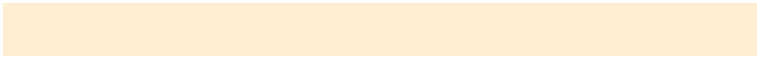
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3749, 81.0241, 69.9548



82.9096, 86.6672, 71.1021



79.6612, 88.2522, 71.2295



17.3853, 18.2548, 17.4048



26.9246, 23.7348, 3.1622



2.4634, 2.2801, 0.3103

Inverse Universe

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



67.5281, 70.8995, 96.5128



70.2952, 73.6979, 105.1279



65.4751, 64.6148, 95.4079



16.0678, 16.9000, 20.9577



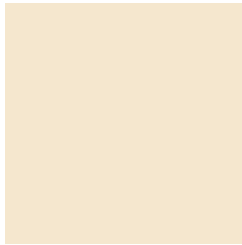
10.8742, 7.5422, 47.4207



1.0494, 0.8502, 4.1990

Previews

White Background



This preview shows how the XYZ color 77.3727, 81.0205, 69.9531 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 77.3727, 81.0205, 69.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

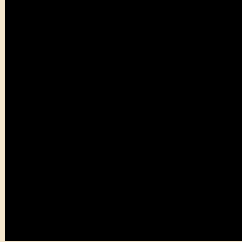
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3727, 81.0205, 69.9531

Background



This preview shows how black text looks on a background with the XYZ color 77.3727, 81.0205, 69.9531.



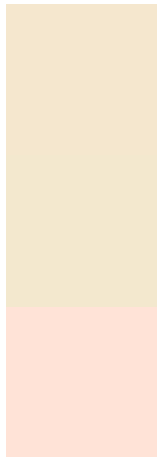
This preview shows how white text looks on a background with the XYZ color 77.3727, 81.0205,

69.9531.

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

77.3727, 81.0205, 69.9531

Protanopia

76.9593, 81.2241, 70.0142

Deuteranopia

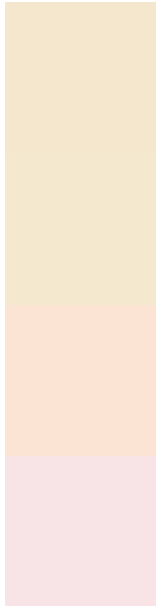
80.9748, 81.1045, 75.6769



Tritanopia

82.7984, 81.1878, 96.1009

Trichromacy



Original Color

77.3727, 81.0205, 69.9531

Protanomaly

77.3054, 81.4026, 70.0304

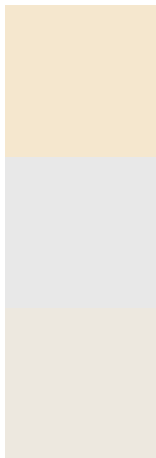
Deuteranomaly

79.4107, 80.7495, 73.6882

Tritanomaly

80.7377, 81.1564, 86.2723

Monochromacy



Original Color

77.3727, 81.0205, 69.9531

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1009, 81.0455, 81.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3727, 81.0205, 69.9531 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(245, 231, 206) looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 206)  
}
```

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(245, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 206) }
```

Border

The CSS property to change the border of an element to XYZ 77.3727, 81.0205, 69.9531 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(245, 231, 206) }
```


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

```
.border{ border-color:rgb(245, 231, 206) }
```

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

Here you see how a box with a 4 pixel rgb(245, 231, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3727, 81.0205, 69.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 206) }
```

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

```
.background{ background-color: rgb(245,  
231, 206) }
```

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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