

Converting Colors

XYZ(76.9490, 88.4104, 61.5936)

Have a look what the booklet for
XYZ(76.9490, 88.4104, 61.5936)
contains.

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Color

**XYZ(77.1226, 88.5147,
61.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF8BE
RGB	235, 248, 190
RGB Percent	92%, 97%, 75%
CMY	0.0784, 0.0274, 0.2549
CMYK	0.05, 0.00, 0.23, 0.03
HSL	73°, 81%, 86%
HSV	73°, 23%, 97%
XYZ	77.1226, 88.5147, 61.7354
YIQ	237.5010, 10.8700, -20.7940

Conversions

Conversions Part 2

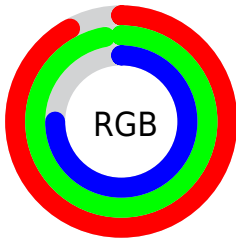
Format	Color
RYB	190, 248, 203
Decimal	15464638
CIELab	95.38, -13.72, 26.50
CIELCh	95, 29.836, 117.373
Yxy	88.5147, 0.3392, 0.3893
Android (android.graphics.Color)	4293654718 (0xFFEBF8BE)
YUV	237.5010, -23.4180, -2.1934
Hunter-Lab	94.0823, -18.3211, 26.9523

Details

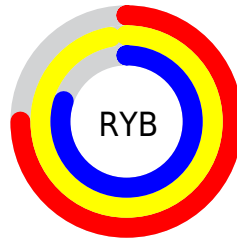
The XYZ color **77.1226, 88.5147, 61.7354** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.9888, 56.3031, 96.5177**, and the grayscale version is **81.0536, 85.2747, 92.8642**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.8840, 49.0606, 30.5547** is the 20% darker color. If you saturate the color by 10%, you get **72.8328, 86.5930, 48.5690**, and if you desaturate by 10%, it is **81.9357, 90.6584, 77.3375**.

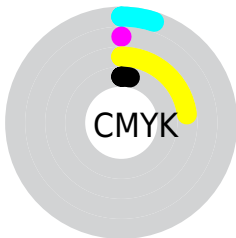
Distribution



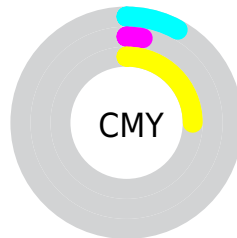
- Red (92%)
- Green (97%)
- Blue (75%)



- Red (75%)
- Yellow (97%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1226, 88.5147, 61.7354 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 77.1226, 88.5147, 61.7354 by changing the saturation by 10% instead.

77.1226, 88.5147,
61.7354

77.1226, 88.5147,
61.7354

474.0675,
523.1873, 448.9462

57.6538, 66.7494,
44.3845

128.2845,
145.2735, 108.9109

41.7726, 48.8810,
30.6335

160.7082,
181.0358, 139.5726

29.1136, 34.5251,
20.0638

198.1810,
222.2326, 175.5083

19.3115, 23.2973,
12.2569

241.0681,
269.2483, 217.1366

12.0009, 14.8132,
6.7942

289.7350,
322.4671, 264.8760

6.8165, 8.6884,
3.2573

344.5469,

3.3929, 4.5385,

382.2737, 319.1451

1.2274

405.8693,
449.0523, 380.3623

■ 1.3648, 1.9791,
0.0012

■ 0.2309, 0.5953,
0.0000

■ 77.1226, 88.5147,
61.7354

■ 77.1226, 88.5147,
61.7354

■ 72.8328, 86.5930,
48.5690

■ 81.9357, 90.6584,
77.3375

■ 69.0355, 84.8718,
37.7096

■ 87.2874, 93.0212,
95.4838

■ 65.7072, 83.3448,
29.0254

■ 91.6494, 94.9948,
108.1131

■ 62.8193, 82.0003,
22.3690

■ 92.8593, 95.6185,
108.1698

■ 60.3398, 80.8257,
17.5748

■ 58.2317, 79.8059,
14.4510

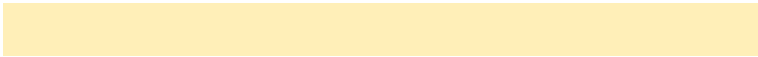
■ 56.4504, 78.9230,
12.7644

■ 55.4086, 78.3971,
12.2118

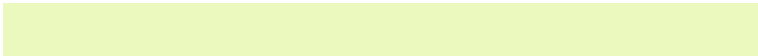
Harmonies

Analogous

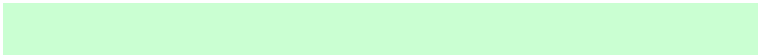
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8515, 88.5147, 58.1063



77.1226, 88.5147, 61.7354



71.5993, 88.5147, 74.1288

Triad

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



77.1226, 88.5147, 61.7354



75.9535, 88.5147, 139.3784



100.7929, 88.5147, 98.4511

Complementary

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



77.1226, 88.5147, 61.7354



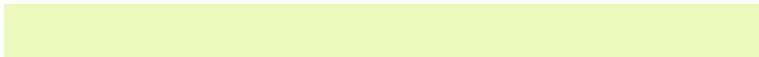
59.9888, 56.3031, 96.5177

Split Complementary

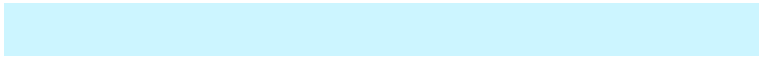
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0447, 88.5147, 122.6842



77.1226, 88.5147, 61.7354



83.4137, 88.5147, 148.5789

Square

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



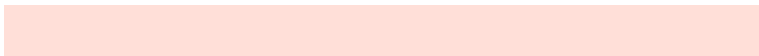
77.1226, 88.5147, 61.7354



70.9556, 88.5147, 118.5430



91.5507, 88.5147, 142.0281



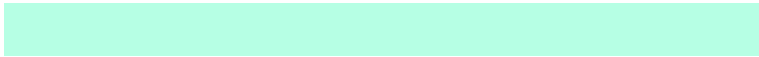
98.8430, 88.5147, 77.1630

Rectangle

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



77.1226, 88.5147, 61.7354



69.7336, 88.5147, 86.8869



91.5507, 88.5147, 142.0281



100.3841, 88.5147, 106.5351

Sweetspot

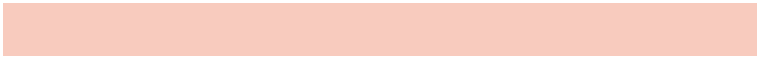
The Sweet Spot groups the original color and five complimentary colors.



77.1249, 88.5186, 61.7373



90.8508, 98.1520, 94.3926



69.2625, 66.1843, 57.8407



19.3712, 20.9757, 19.9500



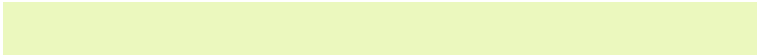
0.0000, 0.0000, 0.0000



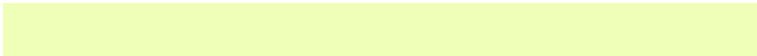
20.3446, 21.4041, 23.3091

Same Dimension

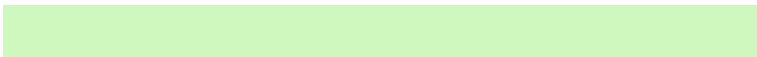
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1249, 88.5186, 61.7373



79.9634, 93.3131, 58.9246



68.4387, 84.0407, 61.3308



18.3244, 19.9830, 18.3537



30.0567, 42.4131, 6.6024



2.8739, 3.9746, 0.6157

Inverse Universe

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



59.9888, 56.3031, 96.5177



58.8227, 53.5606, 101.8457



68.4980, 60.6897, 96.9159



16.6470, 16.8307, 21.7565



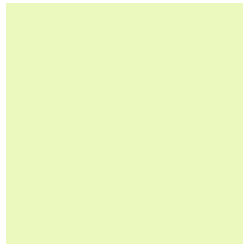
10.1203, 4.1599, 48.2431



1.0245, 0.4302, 4.4722

Previews

White Background



This preview shows how the XYZ color 77.1226, 88.5147, 61.7354 looks on a white background.

Color Contrast Check

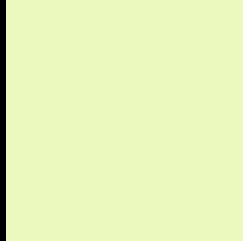
Large Text (above 18pt) WCAG AA × Fail

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 77.1226, 88.5147, 61.7354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

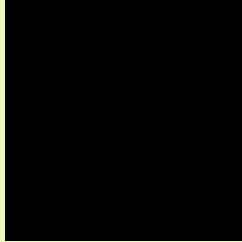
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

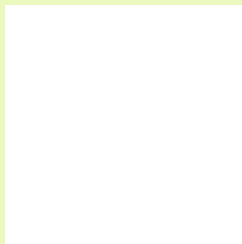
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1226, 88.5147, 61.7354

Background



This preview shows how black text looks on a background with the XYZ color 77.1226, 88.5147, 61.7354.



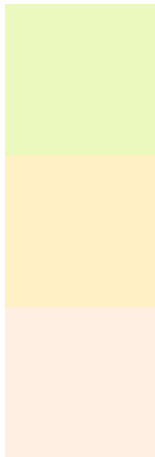
This preview shows how white text looks on a background with the XYZ color 77.1226, 88.5147,

61.7354.

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

77.1226, 88.5147, 61.7354

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

85.9716, 88.5391, 85.2316



Tritanopia

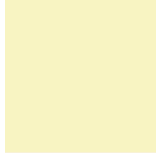
86.2247, 88.1861, 107.0848

Trichromacy



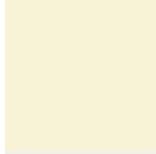
Original Color

77.1226, 88.5147, 61.7354



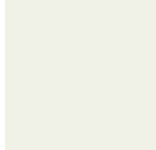
Protanomaly

80.7997, 88.5529, 63.8728



Deuteranomaly

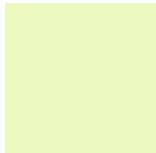
82.6011, 88.3158, 76.3114



Tritanomaly

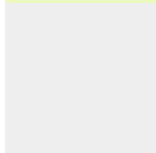
82.4516, 87.9746, 88.2364

Monochromacy



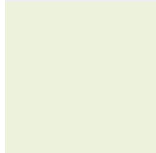
Original Color

77.1226, 88.5147, 61.7354



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.7283, 86.7292, 80.9449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1226, 88.5147, 61.7354 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(235, 248, 190)` looks like.

```
.text, #text, p{  
    color:rgb(235, 248, 190)  
}
```

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(235, 248, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 248, 190) }
```

Border

The CSS property to change the border of an element to XYZ 77.1226, 88.5147, 61.7354 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(235, 248, 190) }
```


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

```
.border{ border-color:rgb(235, 248, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 248, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 248, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 248, 190);  
box-shadow:4px 4px 4px 4px rgb(235, 248,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1226, 88.5147, 61.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 248, 190) }
```

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

```
.background{ background-color: rgb(235,  
248, 190) }
```

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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