

Converting Colors

XYZ(77.7954, 81.8430, 61.5662)

Have a look what the booklet for
XYZ(77.7954, 81.8430, 61.5662)
contains.

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Color

**XYZ(77.7954, 81.8430,
61.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8C0
RGB	250, 232, 192
RGB Percent	98%, 91%, 75%
CMY	0.0196, 0.0902, 0.2471
CMYK	0.00, 0.07, 0.23, 0.02
HSL	41°, 85%, 87%
HSV	41°, 23%, 98%
XYZ	77.7954, 81.8430, 61.5662
YIQ	232.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

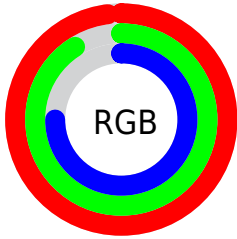
Format	Color
R_{YB}	218, 250, 192
Decimal	16443584
CIE Lab	92.51, 0.01, 21.70
CIE LCh	93, 21.696, 89.968
Yxy	81.8430, 0.3517, 0.3700
Android (android.graphics.Color)	4294633664 (0xFFFAE8C0)
YUV	232.8220, -20.1252, 15.0651
Hunter-Lab	90.4671, -4.8199, 22.9780

Details

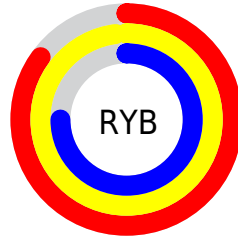
The XYZ color **77.7954, 81.8430, 61.5662** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.0398, 64.2002, 99.5650**, and the grayscale version is **77.4542, 81.4879, 88.7403**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **42.1051, 44.2231, 30.3615** is the 20% darker color. If you saturate the color by 10%, you get **73.1226, 76.5599, 47.4837**, and if you desaturate by 10%, it is **83.0394, 87.5144, 78.1623**.

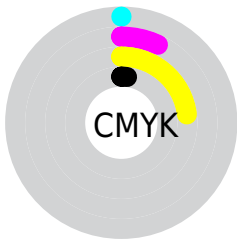
Distribution



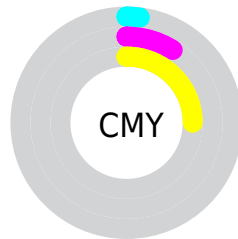
- Red (98%)
- Green (91%)
- Blue (75%)



- Red (85%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7954, 81.8430, 61.5662 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 77.7954, 81.8430, 61.5662 by changing the saturation by 10% instead.


 77.7954, 81.8430,
61.5662

 77.7954, 81.8430,
61.5662


476.3222,
501.1224, 448.3109

 58.2081, 61.2361,
44.2487


 129.2286,
135.9538, 108.6638

 42.2199, 44.4158,
30.5275


161.8051,
170.2265, 139.2811

 29.4654, 30.9975,
19.9839


199.4422,
209.8234, 175.1687

 19.5792, 20.5969,
12.1994

242.5051,
255.1286, 216.7452

 12.1960, 12.8297,
6.7554

291.3592,
306.5268, 264.4291

 6.9505, 7.3114,
3.2335

346.3698,

 3.4772, 3.6576,

364.4022, 318.6390

1.2151

407.9024,
429.1393, 379.7934

■ 1.4108, 1.4839,
0.0000

■ 0.2639, 0.2774,
0.0000

■ 77.7954, 81.8430,
61.5662

■ 77.7954, 81.8430,
61.5662

■ 73.1226, 76.5599,
47.4837

■ 83.0394, 87.5144,
78.1623

■ 68.9897, 71.6421,
35.7841

■ 88.8716, 93.5744,
97.3837

■ 65.3715, 67.0805,
26.3326

■ 93.2345, 99.0641,
108.8150

■ 62.2385, 62.8611,
18.9787

■ 59.5573, 58.9686,
13.5535

■ 57.2895, 55.3853,
9.8616

■ 55.3888, 52.0907,
7.6656

■ 54.2603, 49.9957,
6.7903

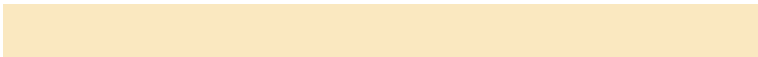
Harmonies

Analogous

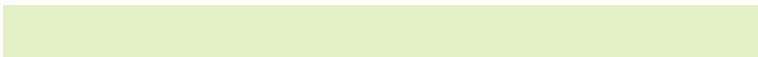
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3341, 81.8430, 64.8768



77.7954, 81.8430, 61.5662



72.5062, 81.8430, 64.8627

Triad

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



77.7954, 81.8430, 61.5662



68.7830, 81.8430, 105.5142



87.5428, 81.8430, 105.5479

Complementary

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



77.7954, 81.8430, 61.5662



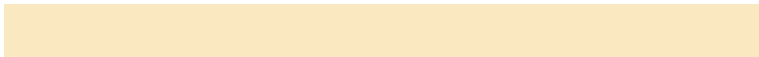
62.0398, 64.2002, 99.5650

Split Complementary

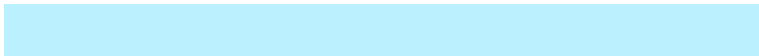
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3231, 81.8430, 118.7603



77.7954, 81.8430, 61.5662



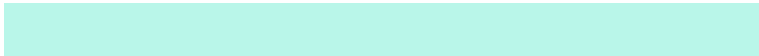
72.4961, 81.8430, 118.7392

Square

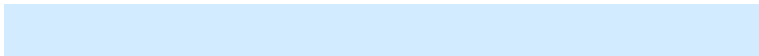
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7954, 81.8430, 61.5662



67.4582, 81.8430, 89.0957



77.7832, 81.8430, 123.8510



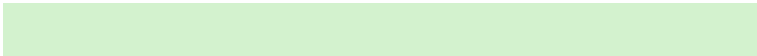
89.1247, 81.8430, 89.1305

Rectangle

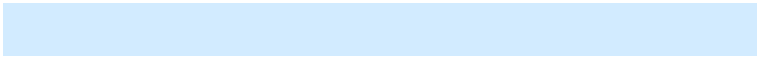
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7954, 81.8430, 61.5662



69.7913, 81.8430, 70.6217



77.7832, 81.8430, 123.8510



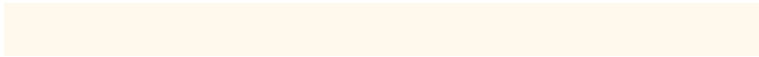
86.3761, 81.8430, 110.5796

Sweetspot

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



77.7975, 81.8467, 61.5679



90.5666, 95.4205, 93.8803



69.9534, 62.6957, 69.6281



19.3054, 20.3415, 19.8310



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

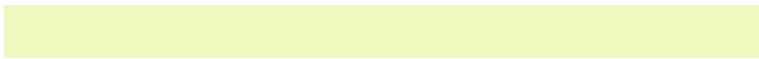
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7975, 81.8467, 61.5679



78.9457, 82.8957, 56.9674



79.4212, 90.5922, 63.1704



18.2465, 19.2288, 18.2122



28.9152, 26.7870, 3.6464



2.7723, 2.6695, 0.3691

Inverse Universe

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



62.0398, 64.2002, 99.5650



59.7332, 61.3844, 103.3078



60.6348, 57.2476, 98.2970



16.7223, 17.5214, 21.8859



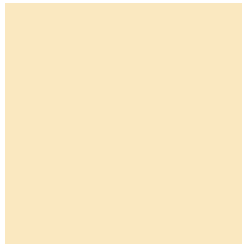
10.6934, 6.7425, 48.7114



1.0804, 0.8044, 4.5415

Previews

White Background



This preview shows how the XYZ color 77.7954, 81.8430, 61.5662 looks on a white background.

Color Contrast Check

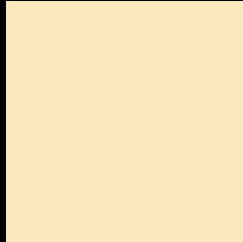
Large Text (above 18pt) WCAG AA × Fail

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 77.7954, 81.8430, 61.5662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

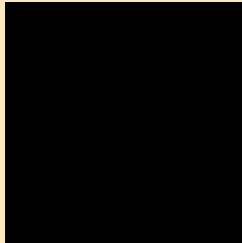
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7954, 81.8430, 61.5662

Background



This preview shows how black text looks on a background with the XYZ color 77.7954, 81.8430, 61.5662.



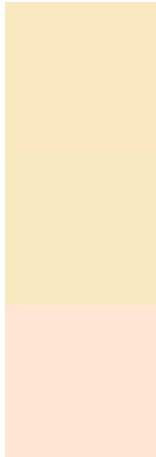
This preview shows how white text looks on a background with the XYZ color 77.7954, 81.8430,

61.5662.

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

77.7954, 81.8430, 61.5662

Protanopia

77.0111, 81.8578, 61.6104

Deuteranopia

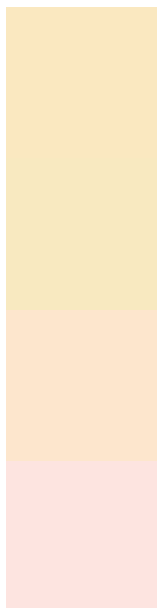
81.1430, 82.0521, 73.8483



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

77.7954, 81.8430, 61.5662

Protanomaly

77.3647, 82.0401, 61.6269

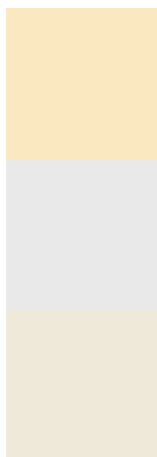
Deuteranomaly

79.8243, 81.8841, 69.3556

Tritanomaly

81.7060, 81.7513, 81.9942

Monochromacy



Original Color

77.7954, 81.8430, 61.5662

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.3904, 81.6905, 78.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7954, 81.8430, 61.5662 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(250, 232, 192)` looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 192)  
}
```

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(250, 232, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 192) }
```

Border

The CSS property to change the border of an element to XYZ 77.7954, 81.8430, 61.5662 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(250, 232, 192) }
```


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

```
.border{ border-color:rgb(250, 232, 192) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 192);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7954, 81.8430, 61.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 192) }
```

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

```
.background{ background-color: rgb(250,  
232, 192) }
```

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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