

Converting Colors

XYZ(78.4821, 81.9681, 56.8137)

Have a look what the booklet for
XYZ(78.4821, 81.9681, 56.8137)
contains.

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Color

**XYZ(78.4676, 81.8725,
57.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7B8
RGB	255, 231, 184
RGB Percent	100%, 91%, 72%
CMY	0.0000, 0.0941, 0.2784
CMYK	0.00, 0.09, 0.28, 0.00
HSL	40°, 100%, 86%
HSV	40°, 28%, 100%
XYZ	78.4676, 81.8725, 57.0147
YIQ	232.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

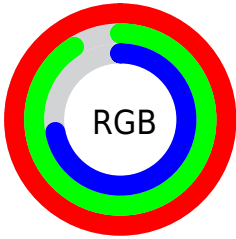
Format	Color
R_{YB}	220, 255, 184
Decimal	16771000
CIE Lab	92.52, 1.30, 25.90
CIE LCh	93, 25.931, 87.128
Yxy	81.8725, 0.3610, 0.3767
Android (android.graphics.Color)	4294961080 (0xFFFFE7B8)
YUV	232.8180, -24.0673, 19.4536
Hunter-Lab	90.4834, -3.5501, 25.9791

Details

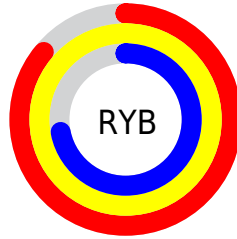
The XYZ color **78.4676, 81.8725, 57.0147** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.3725, 62.5202, 103.4934**, and the grayscale version is **77.4768, 81.5116, 88.7661**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **42.9108, 44.6951, 27.8381** is the 20% darker color. If you saturate the color by 10%, you get **73.6795, 76.1952, 43.3986**, and if you desaturate by 10%, it is **83.8604, 87.9874, 73.2113**.

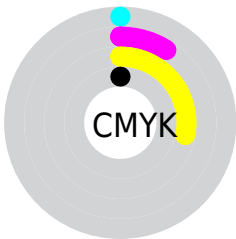
Distribution



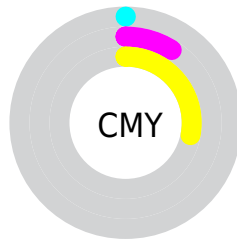
- Red (100%)
- Green (91%)
- Blue (72%)



- Red (86%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4676, 81.8725, 57.0147 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 78.4676, 81.8725, 57.0147 by changing the saturation by 10% instead.


 78.4676, 81.8725,
57.0147

 78.4676, 81.8725,
57.0147


478.5690,
501.2211, 430.9997

 58.7623, 61.2604,
40.6076


 130.1710,
135.9952, 101.9872

 42.6674, 44.4354,
27.6952


162.8997,
170.2746, 131.3897

 29.8176, 31.0129,
17.8590


200.7004,
209.8786, 165.9610

 19.8476, 20.6087,
10.6804

243.9382,
255.1916, 206.1197

 12.3919, 12.8383,
5.7409

292.9787,
306.5979, 252.2844

 7.0853, 7.3173,
2.6220

348.1870,

 3.5623, 3.6613,

364.4820, 304.8736

0.9038

409.9287,
429.2283, 364.3059

■ 1.4576, 1.4860,
0.0000

■ 0.2967, 0.2788,
0.0000

■ 78.4676, 81.8725,
57.0147

■ 78.4676, 81.8725,
57.0147

■ 73.6795, 76.1952,
43.3986

■ 83.8604, 87.9874,
73.2113

■ 69.4624, 70.9309,
32.2210

■ 89.8775, 94.5418,
92.1101

■ 65.7884, 66.0682,
23.3338

95.0500, 100.0000,
108.9000

■ 62.6241, 61.5912,
16.5707

■ 59.9319, 57.4819,
11.7424

■ 57.6677, 53.7197,
8.6260

■ 55.7732, 50.2782,
6.9231

■ 55.3951, 49.5703,
6.6484

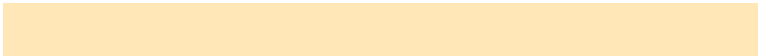
Harmonies

Analogous

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



85.0552, 81.8725, 61.4982



78.4676, 81.8725, 57.0147



72.0640, 81.8725, 60.0596

Triad

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



78.4676, 81.8725, 57.0147



66.8581, 81.8725, 107.1366



89.2010, 81.8725, 110.8138

Complementary

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



78.4676, 81.8725, 57.0147



60.3725, 62.5202, 103.4934

Split Complementary

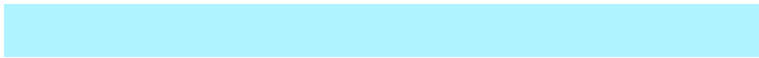
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8690, 81.8725, 126.3685



78.4676, 81.8725, 57.0147



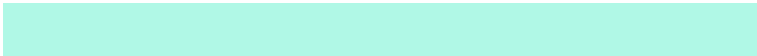
71.0022, 81.8725, 124.0395

Square

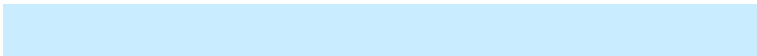
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4676, 81.8725, 57.0147



65.5942, 81.8725, 87.3010



77.1707, 81.8725, 131.5238



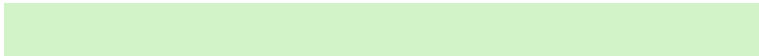
91.4719, 81.8725, 91.0152

Rectangle

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



78.4676, 81.8725, 57.0147



68.7127, 81.8725, 66.2309



77.1707, 81.8725, 131.5238



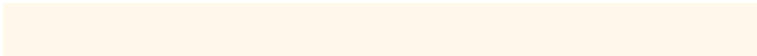
87.6927, 81.8725, 116.8152

Sweetspot

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



78.4696, 81.8762, 57.0164



89.7776, 94.4350, 91.7906



69.8711, 60.1379, 68.1503



19.0139, 19.9960, 19.0018



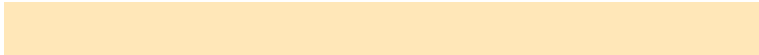
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

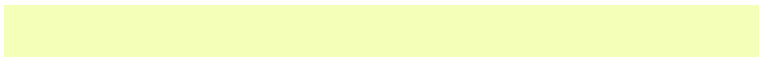
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4696, 81.8762, 57.0164



75.9257, 78.8933, 49.6794



81.8418, 94.2766, 59.2322



19.0139, 19.9960, 19.0018



29.0889, 26.1889, 3.5218



2.9334, 2.7522, 0.3766

Inverse Universe

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



60.3725, 62.5202, 103.4934



55.3017, 56.8407, 102.6644



57.6067, 53.0576, 101.8127



17.5047, 18.3809, 22.8752



11.3008, 7.5111, 50.2888



1.1966, 0.9239, 4.9285

Previews

White Background



This preview shows how the XYZ color 78.4676, 81.8725, 57.0147 looks on a white background.

Color Contrast Check

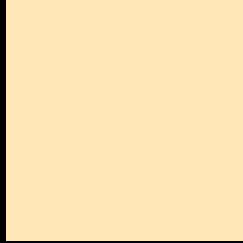
Large Text (above 18pt) WCAG AA × Fail

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 78.4676, 81.8725, 57.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

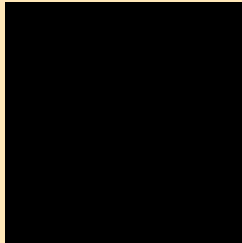
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4676, 81.8725, 57.0147

Background



This preview shows how black text looks on a background with the XYZ color 78.4676, 81.8725, 57.0147.



This preview shows how white text looks on a background with the XYZ color 78.4676, 81.8725,

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

78.4676, 81.8725, 57.0147

Protanopia

76.6073, 81.7371, 57.6381

Deuteranopia

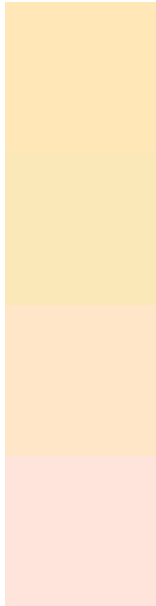
80.8922, 81.9518, 72.5276



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

78.4676, 81.8725, 57.0147

Protanomaly

77.3972, 81.7252, 57.5942

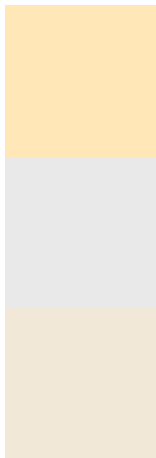
Deuteranomaly

80.0794, 82.0707, 66.8789

Tritanomaly

81.7696, 81.8613, 78.5089

Monochromacy



Original Color

78.4676, 81.8725, 57.0147

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.3980, 81.3203, 75.9071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4676, 81.8725, 57.0147 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(255, 231, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 184)  
}
```

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(255, 231, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 184) }
```

Border

The CSS property to change the border of an element to XYZ 78.4676, 81.8725, 57.0147 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(255, 231, 184) }
```


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

```
.border{ border-color:rgb(255, 231, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4676, 81.8725, 57.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 184) }
```

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

```
.background{ background-color: rgb(255,  
231, 184) }
```

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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