

Converting Colors

XYZ(76.9559, 80.6929, 71.9754)

Have a look what the booklet for
XYZ(76.9559, 80.6929, 71.9754)
contains.

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Color

**XYZ(77.0467, 80.8100,
71.8587)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D1
RGB	243, 231, 209
RGB Percent	95%, 91%, 82%
CMY	0.0471, 0.0941, 0.1804
CMYK	0.00, 0.05, 0.14, 0.05
HSL	39°, 59%, 89%
HSV	39°, 14%, 95%
XYZ	77.0467, 80.8100, 71.8587
YIQ	232.0800, 14.2140, -4.2980

Conversions

Conversions Part 2

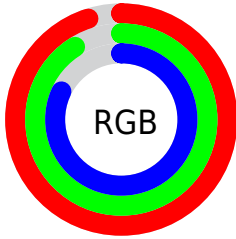
Format	Color
R_{YB}	228, 243, 209
Decimal	15984593
CIE _{Lab}	92.05, 0.48, 12.16
CIE _{LCh}	92, 12.169, 87.725
Yxy	80.8100, 0.3354, 0.3518
Android (android.graphics.Color)	4294174673 (0xFFFF3E7D1)
YUV	232.0800, -11.3784, 9.5768
Hunter-Lab	89.8944, -4.3263, 15.5315

Details

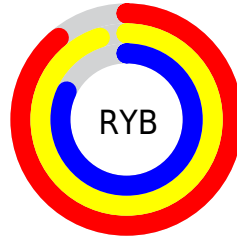
The XYZ color **77.0467, 80.8100, 71.8587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.3283, 71.7378, 95.0402**, and the grayscale version is **76.8386, 80.8401, 88.0349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7399, 43.5913, 37.2244** is the 20% darker color. If you saturate the color by 10%, you get **71.9244, 75.0179, 56.4231**, and if you desaturate by 10%, it is **82.7499, 87.0279, 89.7538**.

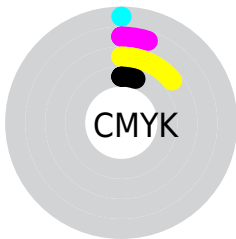
Distribution



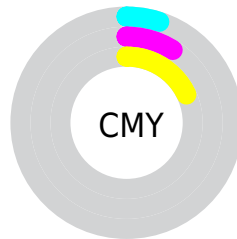
- Red (95%)
- Green (91%)
- Blue (82%)



- Red (89%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0467, 80.8100, 71.8587 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 77.0467, 80.8100, 71.8587 by changing the saturation by 10% instead.

77.0467, 80.8100,
71.8587

77.0467, 80.8100,
71.8587

473.8127,
497.6584, 486.0139

57.5913, 60.3851,
52.5571

128.1779,
134.5040, 123.5615

41.7221, 43.7291,
37.0640

160.5844,
168.5418, 156.7997

29.0739, 30.4576,
24.9609

198.0385,
207.8861, 195.5207

19.2813, 20.1862,
15.8292

240.9058,
252.9213, 240.1428

11.9789, 12.5305,
9.2503

289.5515,
304.0317, 291.0846

6.8014, 7.1060,
4.8058

344.3410,

3.3835, 3.5285,

361.6018, 348.7647

2.0770

405.6396,
426.0159, 413.6017

■ 1.3596, 1.4135,
0.6020

■ 0.2272, 0.2266,
0.0000

■ 77.0467, 80.8100,
71.8587

■ 77.0467, 80.8100,
71.8587

■ 71.9244, 75.0179,
56.4231

■ 82.7499, 87.0279,
89.7538

■ 67.3539, 69.6292,
43.3321

■ 88.6266, 93.5032,
107.9845

■ 63.3136, 64.6353,
32.4693

■ 90.7724, 97.7948,
108.6998

■ 59.7774, 60.0229,
23.7063

■ 56.7166, 55.7778,
16.9015

■ 54.0994, 51.8842,
11.8955

■ 51.8889, 48.3245,
8.5036

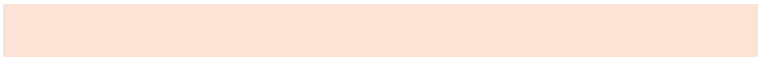
■ 50.0406, 45.0777,
6.5006

■ 49.0652, 43.2604,
5.7641

Harmonies

Analogous

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



80.0676, 80.8100, 74.1995



77.0467, 80.8100, 71.8587



74.0403, 80.8100, 73.5903

Triad

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



77.0467, 80.8100, 71.8587



71.6002, 80.8100, 96.2568



82.0114, 80.8100, 97.5209

Complementary

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



77.0467, 80.8100, 71.8587



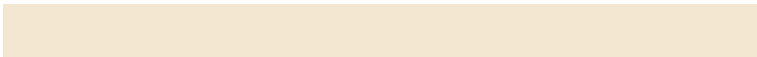
68.3283, 71.7378, 95.0402

Split Complementary

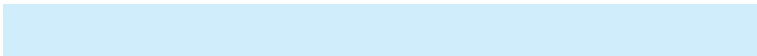
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6428, 80.8100, 104.1516



77.0467, 80.8100, 71.8587



73.6371, 80.8100, 103.3877

Square

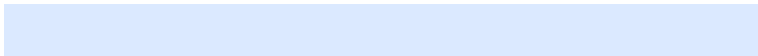
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0467, 80.8100, 71.8587



70.9470, 80.8100, 87.3057



76.5688, 80.8100, 106.3673



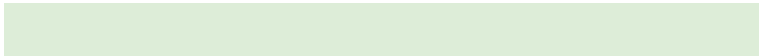
82.9821, 80.8100, 88.6745

Rectangle

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



77.0467, 80.8100, 71.8587



72.4380, 80.8100, 76.8912



76.5688, 80.8100, 106.3673



81.3492, 80.8100, 100.1049

Sweetspot

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



77.0489, 80.8136, 71.8604



92.3136, 97.0858, 100.1002



72.8770, 69.9021, 78.3855



19.6513, 20.6649, 21.0824



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.



77.0489, 80.8136, 71.8604



84.1532, 88.1431, 74.6341



78.9768, 86.9634, 72.9459



17.3941, 18.2722, 17.4077



27.0601, 24.0057, 3.2074



2.4747, 2.3027, 0.3140

Inverse Universe

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



68.3283, 71.7378, 95.0402



72.5543, 76.0725, 105.4672



66.5747, 66.2992, 94.0829



16.0594, 16.8832, 20.9549



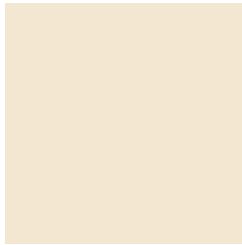
10.8081, 7.4099, 47.3986



1.0429, 0.8372, 4.1969

Previews

White Background



This preview shows how the XYZ color 77.0467, 80.8100, 71.8587 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 77.0467, 80.8100, 71.8587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

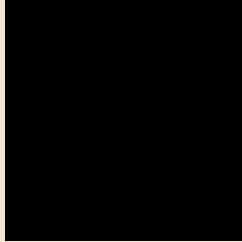
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0467, 80.8100, 71.8587

Background



This preview shows how black text looks on a background with the XYZ color 77.0467, 80.8100, 71.8587.

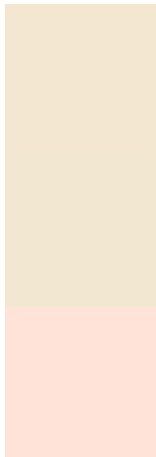


This preview shows how white text looks on a background with the XYZ color 77.0467, 80.8100,

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

77.0467, 80.8100, 71.8587

Protanopia

76.7025, 80.6325, 71.8426

Deuteranopia

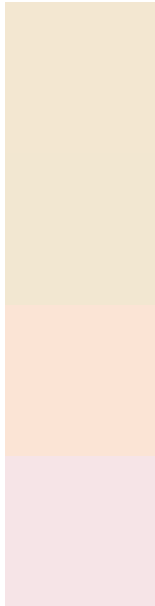
80.8310, 80.6106, 76.2649



Tritanopia

82.2369, 80.8808, 96.8652

Trichromacy



Original Color

77.0467, 80.8100, 71.8587

Protanomaly

76.7025, 80.6325, 71.8426

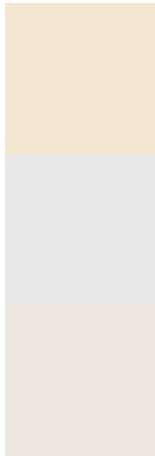
Deuteranomaly

79.5373, 80.8001, 74.3547

Tritanomaly

80.1732, 80.8492, 86.9812

Monochromacy



Original Color

77.0467, 80.8100, 71.8587

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.9032, 80.9279, 82.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0467, 80.8100, 71.8587 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(243, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 209)  
}
```

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(243, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 209) }
```

Border

The CSS property to change the border of an element to XYZ 77.0467, 80.8100, 71.8587 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(243, 231, 209) }
```


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

```
.border{ border-color:rgb(243, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0467, 80.8100, 71.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 209) }
```

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

```
.background{ background-color: rgb(243,  
231, 209) }
```

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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