

Converting Colors

XYZ(77.1242, 81.3093, 71.2719)

Have a look what the booklet for
XYZ(77.1242, 81.3093, 71.2719)
contains.

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Color

**XYZ(77.2039, 81.3220,
71.3021)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E8D0
RGB	243, 232, 208
RGB Percent	95%, 91%, 82%
CMY	0.0471, 0.0902, 0.1843
CMYK	0.00, 0.05, 0.14, 0.05
HSL	41°, 59%, 88%
HSV	41°, 14%, 95%
XYZ	77.2039, 81.3220, 71.3021
YIQ	232.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

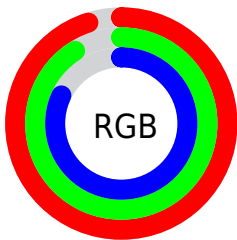
Format	Color
RYB	224, 243, 208
Decimal	15984848
CIELab	92.27, -0.18, 13.00
CIElCh	92, 13.004, 90.800
Yxy	81.3220, 0.3359, 0.3538
Android (android.graphics.Color)	4294174928 (0xFFFF3E8D0)
YUV	232.5530, -12.1046, 9.1620
Hunter-Lab	90.1787, -4.9951, 16.2459

Details

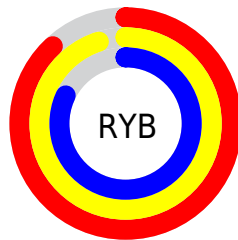
The XYZ color **77.2039, 81.3220, 71.3021** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.5213, 70.5424, 94.8519**, and the grayscale version is **77.1986, 81.2189, 88.4474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8516, 43.9486, 36.8490** is the 20% darker color. If you saturate the color by 10%, you get **72.3387, 76.0147, 56.0432**, and if you desaturate by 10%, it is **82.6249, 87.0064, 89.0080**.

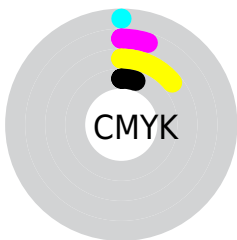
Distribution



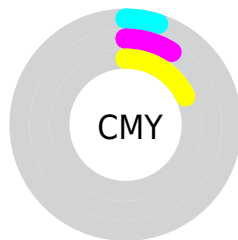
- Red (95%)
- Green (91%)
- Blue (82%)



- Red (88%)
- 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 77.2039, 81.3220, 71.3021 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 77.2039, 81.3220, 71.3021 by changing the saturation by 10% instead.

77.2039, 81.3220,
71.3021

77.2039, 81.3220,
71.3021

474.3402,
499.3770, 484.0209

57.7207, 60.8068,
52.1054

128.3986,
135.2228, 122.7623

41.8266, 44.0693,
36.7063

160.8408,
169.3772, 155.8628

29.1560, 30.7250,
24.6862

198.3335,
208.8469, 194.4351

19.3438, 20.3895,
15.6265

241.2419,
254.0161, 238.8976

12.0244, 12.6785,
9.1088

289.9314,
305.2693, 289.6689

6.8326, 7.2075,
4.7144

344.7674,

3.4030, 3.5922,

362.9910, 347.1675

2.0249

406.1152,
427.5654, 411.8120

■ 1.3703, 1.4482,
0.5705

■ 0.2349, 0.2518,
0.0000

■ 77.2039, 81.3220,
71.3021

■ 77.2039, 81.3220,
71.3021

■ 72.3387, 76.0147,
56.0432

■ 82.6249, 87.0064,
89.0080

■ 68.0009, 71.0631,
43.1164

■ 88.3569, 92.9637,
107.8946

■ 64.1690, 66.4594,
32.4050

■ 90.7428, 97.7356,
108.6899

■ 60.8174, 62.1915,
23.7804

■ 90.7724, 97.7948,
108.6998

■ 57.9180, 58.2461,
17.1004

■ 55.4393, 54.6086,
12.2050

■ 53.3447, 51.2623,
8.9084

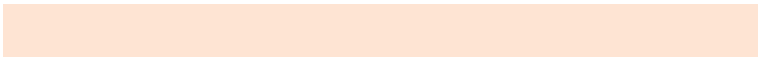
■ 51.5899, 48.1873,
6.9834

■ 50.7196, 46.5692,
6.3155

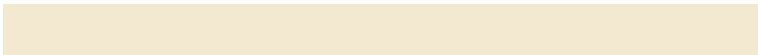
Harmonies

Analogous

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



80.4893, 81.3220, 73.3552



77.2039, 81.3220, 71.3021



74.0327, 81.3220, 73.5835

Triad

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



77.2039, 81.3220, 71.3021



71.8760, 81.3220, 98.3630



83.0726, 81.3220, 97.8835

Complementary

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



77.2039, 81.3220, 71.3021



67.5213, 70.5424, 94.8519

Split Complementary

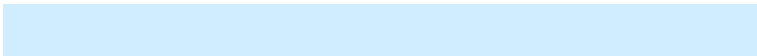
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6500, 81.3220, 105.4103



77.2039, 81.3220, 71.3021



74.1847, 81.3220, 105.7009

Square

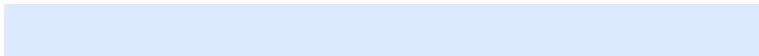
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2039, 81.3220, 71.3021



71.0119, 81.3220, 88.8046



77.3844, 81.3220, 108.3671



83.9364, 81.3220, 88.2876

Rectangle

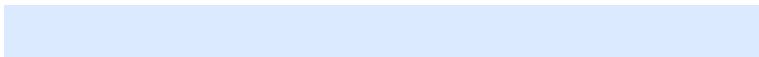
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2039, 81.3220, 71.3021



72.3944, 81.3220, 77.3580



77.3844, 81.3220, 108.3671



82.4101, 81.3220, 100.7635

Sweetspot

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



77.2061, 81.3256, 71.3038



92.4372, 97.3329, 100.1414



72.3160, 69.2863, 76.6385



19.6827, 20.7275, 21.0928



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.



77.2061, 81.3256, 71.3038



84.6480, 89.1328, 74.7990



78.2226, 86.5888, 72.2662



17.4500, 18.3841, 17.4263



27.9627, 25.8109, 3.5082



2.5494, 2.4520, 0.3389

Inverse Universe

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



67.5213, 70.5424, 94.8519



72.0983, 75.1606, 105.3152



66.5878, 65.9429, 94.0133



16.0059, 16.7761, 20.9371



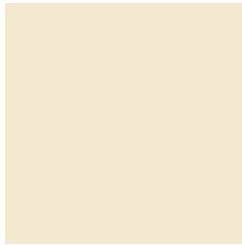
10.4161, 6.6261, 47.2680



1.0036, 0.7586, 4.1838

Previews

White Background



This preview shows how the XYZ color 77.2039, 81.3220, 71.3021 looks on a white background.

Color Contrast Check

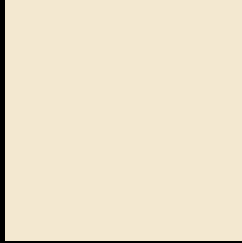
Large Text (above 18pt) WCAG AA × Fail

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 77.2039, 81.3220, 71.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

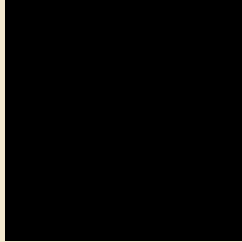
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2039, 81.3220, 71.3021

Background



This preview shows how black text looks on a background with the XYZ color 77.2039, 81.3220, 71.3021.

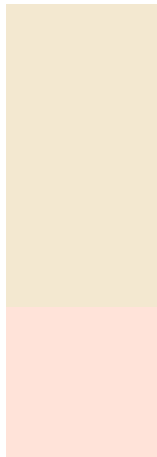


This preview shows how white text looks on a background with the XYZ color 77.2039, 81.3220,

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

77.2039, 81.3220, 71.3021

Protanopia

77.2039, 81.3220, 71.3021

Deuteranopia

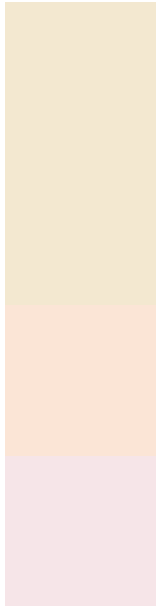
81.2335, 81.2079, 77.0389



Tritanopia

82.6619, 81.4872, 97.7581

Trichromacy



Original Color

77.2039, 81.3220, 71.3021

Protanomaly

77.2039, 81.3220, 71.3021

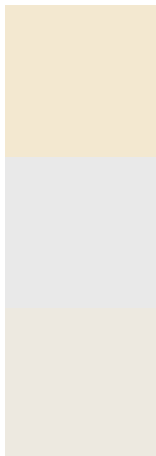
Deuteranomaly

79.9406, 81.4029, 75.1173

Tritanomaly

80.5908, 81.4576, 87.8192

Monochromacy



Original Color

77.2039, 81.3220, 71.3021

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5185, 81.6642, 82.1981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2039, 81.3220, 71.3021 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, 232, 208) looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 208)  
}
```

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, 232, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 208) }
```

Border

The CSS property to change the border of an element to XYZ 77.2039, 81.3220, 71.3021 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, 232, 208) }
```


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

```
.border{ border-color:rgb(243, 232, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 232, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 232, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 232,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2039, 81.3220, 71.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 208) }
```

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

```
.background{ background-color: rgb(243,  
232, 208) }
```

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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